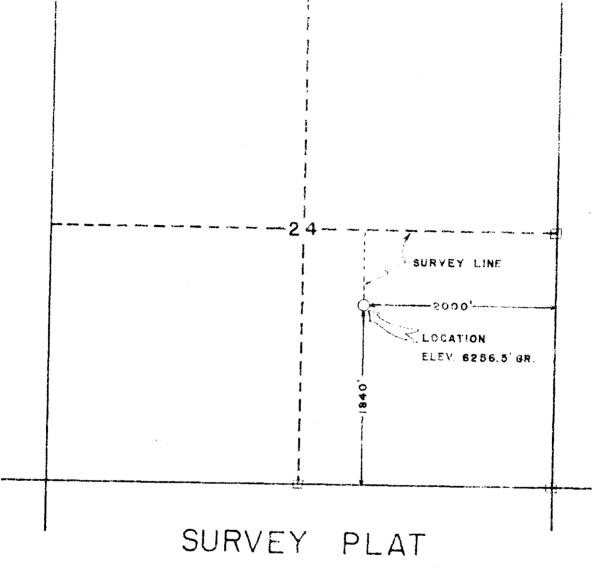
Entered to 1410 Feb.  Entered On 5 & Stock  Location Map Hand  Card Indicard	Checked by Chief Copy. N.I.D to Field Office Approval Letter Disapproval Letter	
Dunic Well Completed: 11-20-12 2  OW WW 74  GW 05 94	Location Inspected  Bond released State of Fee Land	Photograph and control of
Britis ma 11-27-62 1885 FI	HEB GRIN M	1614



OF

WELL SITE

CASTLE PEAK UNIT NO. I

NW SE SEC-24, T9 S, R15 E DUCHESNE COUNTY, UTAH

SURVEY BY: W.D. QUIGLEY

JUNE

1962

SCALE: | INCH: 1000FT.





Copy H. L.C.

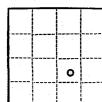
(SUBMIT IN TRIPLICATE)

Budget B	ureau No.	. 42-R358.4.
Form App	roved.	
	776 a	1. Da

Land Office

case No.

Gaetle Penk



# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

## SUNDRY NOTICES AND REPORTS ON WELLS

X .	SUBSEQUENT REPORT OF WATER SHUT-OFF.
	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
	SUBSEQUENT REPORT OF ALTERING CASING
	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
	SUBSEQUENT REPORT OF ABANDONMENT
	SUPPLEMENTARY WELL HISTORY
-	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		Sept		, 19
Well No is locat	ed 1840 ft. from	$1 - {\begin{bmatrix} \mathbf{N} \\ \mathbf{S} \end{bmatrix}}$ line and	2000 ft. from	line of sec.
NV 38 24	98	(S)	Sult Lake	
(½ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
(Field)	(County o	or Subdivision)	(State or	Territory)
		4364		

The elevation of the derrick floor above sea level is \_\_\_\_\_\_ft.

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated Formation Tops:

Vintah Surface

Green River 925

Wasatch 5600

Est. T. D. 8500

Casing Program: 13-3/8" ASF casing set 0 200' Cement to circulate 52" 14-15.55 casing set through all potential producing sones.

To test potential producing horizons in the GreenRiver and Wassteh Formations.

	nd that this plan of work must receive approval in writing by the Care Shampook O11 and Gas Corporation	
Address	870 First Security Building	
	Salt Lake City 11, Utah	By Paled Ohmun
		By Calp Chone Title District Geologist

#### September 5, 1962

Shawrock Oil and Gas Corporation 870 First Security Building Salt Lake City 11, Utah

Attention: Ralph Thomas,
District Geologist

#### Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Castle Peak Unit #1, which is to be located 1840 feet from the south line and 2000 feet from the east line of Section 24, Township 9 South, Range 15 East, SLEM, Duchesne County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to <u>immediately</u> notify the following;

> PAUL W. BURCHELL, Chief Petroleum Engineer Office: DA 8-5771 or DA 8-5772 Home: IN 6-3168 Salt Lake City, Utah

> > Very truly yours,

OIL & GAS CONSERVATION COMMISSION

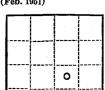
CLEON B. FEIGHT EXECUTIVE DIRECTOR

CBF: cp

cc: D. F. Russell, Dist. Eng. USGS - Salt Lake City, Utah

H. L. Coonts - Pet. Eng. OGCC - Mosb, Utah

Form 9-331a (Feb. 1951)





(SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.
and Office

U-02458 Loase No. Unit Castle Peak

### SUNDRY NOTICES AND REPORTS ON WELLS

		murface casing	7
NOTICE OF INTENTION TO ABANDON WELL		Supplementary well history Support of running	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	·
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	

Las	tle	Beak		•••	Soptember	10		, 19.
Well No.	1	is located _	<b>1840</b> ft.	from $\begin{bmatrix} \mathbf{N} \\ \mathbf{S} \end{bmatrix}$ line	and 2000	ft. from ${\mathbb{E}}$	line of sec.	24
W	SE S	<b>14</b>	98	15 B	Salt I			
(1/4	Sec. and Sec. 1	No.)	(Twp.)	(Range)	(Merid			
	Wildow	•		Duckeane		Utah		
	(Field)		(C	County or Subdivision)		(State or 7	l'erritory)	

The elevation of the derrick floor above sea level is ft.

#### **DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ren 213.05 feet of 13-3/8" AS# easing. Set casing at 210'. Cemented with 300 sacks of regular cement with 2% calcium chloride added. Cement circulated.

Spud 9-8-62

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Shanrock Cil and Gas Corporation

Address Salt Lake City 11, Utah

By Edwin B. Jalell

Title Geologist

CONFIDENTIAL

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE	Utah	· .
LEASE NUMBER	U-02458	}
INIT Cast.	Le Peak	

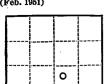
## LESSEE'S MONTHLY REPORT OF OPERATIONS

		, 8	70 F	irst S	ptember Security B City 11, U	uildin	g	Cor	mnany Th	s Shamroc	k 011 a	and Gas Corp
Phone		3	28-0	165				Age	ent's title	District	Geolo	<b>dst</b>
SEC. AND 1/4 OF 1/4	TWP. R	ANGE	WELL No.	DAYS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. (In thou	of Gas sands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	(If drilling, d	EMARKS epth; if shut down, cause; sult of test for gasoline ontent of gas)
Sec, 24, NW SE	98 ]	5E	1		min., co trace of DST #3: Had weak being 50% SIP 1514 DST #4: min. Had fluid, be SIP 189- DST #5: min. Had thruout of C drill: 2209. DST #6: Good blo FP 28-26 DST #7: Had weak FP 0, SI	/300 3560- blo t SIP 3995- r the t thr 4570- blo, 611- 128, 4616- 136, H 4716- weak est, ng fl 4815- thruo SIP 5013- blo t 9760- ypass mud, 2846-	sx. 3618. hruout 200-16 4012. first uout FP 32 4584. iner t and 50 HP 21 4630. blo, Rec 1 444-36 5040. hat di HP 23 5810. ed too no she 2836.	SI, NG 1, H SI, 15; est. 2-54, SI, 00 28-2 SI, decr 4 10 28-2 SI, H SI, H SI, H SI, H SI, H SI, H SI, H SI, H SI, SI, H SI, SI, H SI, SI, H SI, SI, H SI, SI, H SI, SI, SI, H SI, SI, SI, SI, SI, SI, SI, SI, SI, SI,	30 min., TS. Rec P 1697-16 30 min., min; weal Rec 15 SIP 1446 30 min., od in 26 drilling 111. 30 min., to wk bl drilling 110. 30 min., to good fluid, be 5-74, SII 30 min., fluid, be 2255-25 30 min., 30 min., 30 min., 30 min.,	op 90 mi 15' mud, 88 op 90 mi blo inc black c -1189, H Op 120 m min. Re fluid.  Op 120 m o at EOT g fluid.  Op 120 m blo in 1 ing 115' 1575-14  Op 90 mi eing 5' 52. op 60 mi Rec 2' op 60 mi still n	n., SI no sho n., SI r to for rude of P 1932- in., SI c 120 FP 29- in., SI in., SI oil & SI, HP n., SI oil and n., SI oil and n., SI oil and n., SI oil and	30 min. 30 min. 30 min. 31 in 30 11, -1929. 60 min. fluid, -48, 60 15' 2216- 60 min. 12' mud. 45 min. 12' mud. 60 min. Rec 30'

no runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-331 a (Feb. 1951)



## L'infidential

(SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget	Bureau	No.	42-R358.4.
Form A	poroved	_	

Land Office

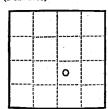
Lease No. U-20458

Unit Castle Peak

### SUNDRY NOTICES AND REPORTS ON WELLS

. <u> </u>					
NOTICE OF INTENTION TO DRILL		SUBSEQUENT	REPORT OF WATER SHUT-	OFF	
NOTICE OF INTENTION TO CHANGE PLA	ANS	SUBSEQUENT	REPORT OF SHOOTING OF	ACIDIZING	
NOTICE OF INTENTION TO TEST WATER	R SHUT-OFF	SUBSEQUENT	REPORT OF ALTERING CA	SING	
NOTICE OF INTENTION TO RE-DRILL OF	R REPAIR WELL	SUBSEQUENT	REPORT OF RE-DRILLING	OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR A	ACIDIZE	SUBSEQUENT	REPORT OF ABANDONMEN	т	
NOTICE OF INTENTION TO PULL OR AL	TER CASING	SUPPLEMENT	ARY WELL HISTORY		
NOTICE OF INTENTION TO ABANDON W	ELL				
Notice of Intention t	to run intermed	iste casir	<b>4</b>		
(INDICATE	ABOVE BY CHECK MARK	NATURE OF REPOR	T, NOTICE, OR OTHER DATA		
			Outober 8		10 6
					, 17
Vell Nois locate	d <b>1840</b> ft. from	$\left\{ \begin{array}{c} \mathbf{S} \\ \mathbf{S} \end{array} \right\}$ line and	•	line of se	с. 24
(½ Sec. and Sec. No.)	(Twp.)	15 K Range)	Galt Laro (Meridian)		
Wildest.	Duches	ers als	Ut	uh :	
(Field)		Subdivision)	(State	or Territory)	
tate names of and expected depths to o	ing points, and all ot	her important pro	oposed work)		jobs, cemen
To coment casing with					
	•				
			• •		
I understand that this plan of work r	must receive approval in v	vriting by the Geo	ological Survey before opera	ations may be con	nmenced.
ompany The Shaurock	Ml and Gas Cor	poration		·	
Address 870 First Secu	arity Building				
Salt Lake City			By Palylo.	homm	
		11-	itle <b>District</b>	Geologist	

Form 9-331 a (Feb. 1951)



(1/4 Sec. and Sec. No.)

#### (SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4
Form Approved,

Land Office

Lease No.

(State or Territory)

Unit Castle Peak

### SUNDRY NOTICES AND REPORTS ON WELLS

		•
	Gotober 9	. 199
(INDICATE ABOVE BY CHECK MAR	K NATURE OF REPORT, NOTICE, OR OTHER DATA)	
	intermediate desing	
IOTICE OF INTENTION TO ABANDON WELL	Supportant report of running	_
IOTICE OF INTENTION TO PULL OR ALTER CASING	CURRY EMERITARY WELL (MOTORY)	
IOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT	
IOTICE OF INTENTION TO TEST WATER SHUT-OFF IOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF ALTERING CASING	
IOTICE OF INTENTION TO CHANGE PLANS		
IOTICE OF INTENTION TO DRILL		1

(Field)

(County or Subdivision)

The elevation of the derrick floor above sea level is 6268 ft. K. B.

(Twp.)

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ram 5,023.83 feet of 7º J-55 23# casing. Set casing at 5,020 feet. Commuted with 500 sacks of regular commut with 15 flas added.

I understand that this plan of work must receive approval in writin	ng by the Geological Survey before operations may be commenced.
Company The Shenrock Cil and Gas Corpore	ill.on
ddress 870 First Security Building	
Salt Lake City 11, Utah	By falst Chomm  Title District Geologist
	Title District Geologist

Form 9-831 a (Feb. 1951)



(SUBMIT IN TRIPLICATE)

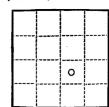


Form Approved.

Budget Bureau No. 42-R358.4

Land Office

Lease No. ... Um 20456 .... Unit Cantle Peak



## UNITED STATES **DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY**

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<u> </u>	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	.	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	.	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	.	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL		
Notice of intention to plug back	X	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	October 30							
Well No. 1 is locate	d 1840 ft. from ${S \atop S}$ line and 2000 ft. from ${E \atop S}$	line of sec. 24						
(% Sec. and Sec. No.)	(Twp.) (Range) (Meridian)							
Wildest	(County or Subdivision) (State or	Territory)						
(Field)	(County or Subdivision) (Scale or	Territory)						

The elevation of the derrick floor above sea level is ft. K. .

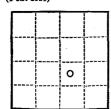
#### **DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary total depth 8,816 feet. Set 7" casing at 5,020 feet. Request permission to plug back by setting a cast iron bridging plug at 4,960 feet.

I understand	that this plan of work must receive approval in writing by	y the Geological Survey before operations may be commenced.
Company	The Shaarock Oil and Gas Corpor	etion
Address	670 First Security Building	
	Salt Lake City 11, Utah	By Lourd Staube
		Title Geologist

Form 9-331a (Feb. 1951)



#### (SUBMIT IN TRIPLICATE)

## **UNITED STATES** DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

<b>N</b>	Budget Bureau No.
,	Form Approved.

Land Office

U-20458 Lease No.

Castle Peak

### SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT.
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subsequent report of plug back I

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

			*	.*			Cetobe	r 31				1962
Well N	lo	1	is	located 1840	ft. from	$\binom{\mathbb{R}}{S}$ line and	2000	_ft. fror	n E	line of	sec	24
	MM	SE	24	98	1.9	E	Salt	Lake				
	(¾ Sec.	and Sec	. No.)	(Twp.)	(Ran			idian)				
	W114	ont.			Ducheen				Utah			
		(Field)			(County or Sul				State or T	'erritory)		
Tri i	•	c	.l. J.	: .l		6268	c. K.B.	•				

The elevation of the derrick floor above sea level is ....... ft.

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work)

Rotary total depth 8,816 feet. Set 7" easing at 5,020 feet. Set east iron bridging plug at 4,960 feet.

I understa	nd that this plan of work must receive approval in writing by the	Geological Survey before operations may be commenced.
Company	The Shamrock Oil and Gas Cerporation	<b>a</b>
Address	870 First Security Building	
	Salt Lake City 11, Utah	By Lionard S. Dawler
		Title Geologist

J4F

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

	Approval expires 12–31–60.
	Utah VIII
LAND OFFICE	U-02458
Lease Number Cast)	
LJEBU TINII	.e reak

CONFIDENTIAL

## LESSEE'S MONTHLY REPORT OF OPERATIONS

	State	Ut	ah		C	ountu	Duel	nesne		<b>म</b> न	eld.	Vildeat	
	Th	e foli	lowins	is a	corre	ct repor	t of	operat	ions ar	nd pr	oduction	l (includins	drilling and producing
	Agent's	addi	ress <b>2</b> 7	'0 F1	rst S	ecurity	Bul	llding	• •	Co	mpany	he Shamro	ck Oil and Gas Corp,
	Phone .		32	1t L 8-01	ake C: 65	lty 11,	Uta	uh		Sig Ag	ined	le Distric	t Geologist
	SEC. AND	TWP.	RANGE	WELL No.	DAYS PRODUCED	RADDETS		GRAVITY	Cu. Fr.	or Gas usands)	GALLONS GASOLIP RECOVER	OF BARRELS OF WATER (I	REMARKS (If drilling, depth; if shut down, cause;
sec NW	. 24 Se	93	15E	1		with l Drille	ca: % fi d to	ing a ac ad 8816	t 5020 ded.	)! wi in lo	th 500	sx regula	rcement
						perfor (5 sho	ate	45821	and 4	726	with i	ring to adial cra	ck jets
						-							
												·	
									-				
	Nor	sTh	ere wei	re		no		_ runs or	sales of	oil:	no		M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in

duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950) 0

U. S. LAND OFFICE Utah
SERIAL NUMBER U-02458
LEASE OR PERMIT TO PROSPECT Castle Peak

## UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Robert 2 af

## LOG OF OIL OR GAS WELL

-	•					ss 870 First Wildcat			
Well N Locati	No. 1 on 1840	Sec. $\frac{24}{\text{ft.}}$ ft. $\frac{N}{\text{kex}}$ of S	r, 98 R Line a	.15E Mer. nd 2000ft.	idian Salt	Lake Co	unty Duc ion 24	hesne Elevi	ation 6268
$\mathbf{T}$	he informa	ation given h	erewith is	s a complet	e and corre	ct record of the w	vell and al	ll work o	lone thereon
Date _	11-20-	62					ologist		
$\mathbf{T}$	he summa	ry on this pa	ge is for t	the conditio	on of the we	Il at above date.		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Comm	enced dril	ling Septer	nber 8	19	62 Finis	hed drilling Oct	tober 2		, 19 <sup>62</sup>
•	-		to _400	) <u>(</u> D		) , from <u>4642</u>	62		
						, from 4720			
No. 3,	from 46	19	to462	30	No. 6	, from	to	o	and the state of t
No. 1	from		_			R SANDS			
110. 1,	11 0111					trom	To	3	
No. 2	from					, from			to said the
No. 2,	from					, from			to said the
Size	Weight	Threads per		CASI	No. 4	, fromRD		O'	1
Size casing	Weight per foot		to	CASI	No. 4	, fromRD	Perfor	rated To—	Purpose
Size	Weight	Threads per	Make	CASI Amount	No. 4	Cut and pulled from	Perform—	rated To—	Purpose Surface
Size casing	Weight per foot	Threads per	Make	CASI  Amount  213,051  5023,831	No. 4	Cut and pulled from	Perform—	rated To—	Purpose Surface
Size casing	Weight per foot	Threads per inch	Make	CASI  Amount  213,051  5023,831	No. 4 ING RECO	Cut and pulled from	Perform—	rated To—	Purpose Surface producti
Size casing	Weight per foot	Threads per inch	Make	CASI  Amount  213,051  5023,831	No. 4 ING RECO	Cut and pulled from	Perform—	rated To—	Purpose Surface producti
Size casing	Weight per foot	Threads per inch	Make	CASI  Amount  213.051  5023.83!	No. 4 ING RECO	Cut and pulled from	Perform—	rated To—	Purpose Surface producti
Size casing 3-3/8 -7/11	Weight per foot	Threads per inch	Make	CASI Amount 213.051 5023.831	No. 4 ING RECO	from  Cut and pulled from  Georg Trees (Navantes) (1)  Harte H. 198 Archite  Elsavo entre in go	Perform  From  Radial, 14002, 47, 4726	rated To—	Purpose Surface Surface Products Surface Surfa
Size casing 3-3/8 7/11 Size casing	Weight per foot	Threads per inch	Make  Make  Mude	CASI Amount 213.051 5023.831	No. 4 ING RECO	Cut and pulled from terral transport of the property of the pr	Perform  From  Radial, 14002, 47, 4726	rated To- H ( 100) H	Purpose Surface Surface A products Surface Sur
Size casing 3-3/8 -7/11	Weight per foot  48#	Threads per inch	Make  Make  Mubication  Mudication  Mudica	CASI Amount 213.051 5023.831	No. 4 ING RECO	Cut and pulled from terral transport of the property of the pr	Perform  From  Radial, 14002, 47, 4726	rated To- H ( 100) H	Purpose  Surface  producti  para pose
Size easing 3-3/8 77tt Size casing 3-3/8	Weight per foot  48# 23# Where se	Threads per inch  One for No. 10 to	Make  Make  Mubication  Mudication  Mudica	CASI Amount 213.051 5023.831	No. 4 ING RECO	Cut and pulled from terral transport of the property of the pr	Perform  From  Radial, 14002, 47, 4726	rated To- H ( 100) H	Purpose Surface Surface Products Surface Surfa
Size easing 3-3/8 77tt Size casing 3-3/8	Weight per foot  48# 23# Where se	Threads per inch  One for No. 10 to	Make  Make  Mubication  Mudication  Mudica	CASI Amount 213.051 5023.231 DING AND	No. 4 ING RECO	Cut and pulled from  (60.79 1.20 % original record (Newscher) original reco	Perform  From  Radial, 14002, 47, 4726	rated To- H ( 100) H	Purpose Surface Surface Products Surface Surfa
Size easing 3-3/8 7/tt Size casing 3-3/8 7/tt	Weight per foot  48# 23# Where se 210 5020	Threads per inch  One for No. 20 to 10 to	Mude Mude Mude or sacks of ce	CASI Amount 213.051 5023.83! DING AND ment	No. 4 ING RECO Kind of shoe Guide	Cut and pulled from  (60.79 1.20 % original record (Newscher) original reco	Perform	rated To-  A Charles  B 2 3	Purpose  Surface  producti  producti
Size easing 3-3/8 7/tt Size casing 3-3/8 7/! Heavin	Weight per foot  48# 23# Where se 210 5020	t Number 30 50	Mude Mude Mude Mude Mude Mude Mude Mude	CASI Amount 213.051 5023.83! DING AND ment PLUGS	No. 4 ING RECO Kind of shoe Guide	Cut and pulled from  Georg Troop' Trooper  The Property Annual Color of th	Perform	rated To-  A Charles  B 2 3	Purpose  Surface  production (286) (286) (286) (286) (286)

feet to  D  4 hours was 126.  5 sediment.	SS16 feet, and from feet to Feet, and from feet, and from feet, and from feet to Feet, and from feet, and fr	feet  1962  0 %  Driller
4 hours was 126. % sediment.  EMP	Put to producing November 20  64 barrels of fluid of which 100 % was oil;  Gravity, Bé. 31 96 F  Gallons gasoline per 1,000 cu. ft. of gas  LOYEES	0 % O m
4 hours was 126. % sediment.  EMP	Put to producing November 20  64 barrels of fluid of which 100 % was oil;  Gravity, Bé. 31 96 F  Gallons gasoline per 1,000 cu. ft. of gas  LOYEES	0 % O m
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<b>EMP</b>	Gallons gasoline per 1,000 cu. ft. of gas	Driller
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## FORMATION RECORD—Continued

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16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

TOPICS BUSINESS NOT SUPPLESSED.

#### HISTORY OF OIL OR GAS WELL

COMM.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 9-8-62. Drilled 174" hole to 215. Set 13-3/8" casing at 210 with 300 sx. DST #1: 3560-3618, shut in 30 min., open 90 min., shut in 30 min. Had fair blow thruout, no gas to surface, recovered 15' mud, no shows. Flow Pressures 32-29, shut in pressures 200-161, hydrostatic need 1697-1688. DST #2: 3995-4012. Shut in 30 min., open 90 min., shut in 30 min. No blow for first 15 min., weak blow incr to fair blow in 30 min., continued thruout test. Recovered 15' black crude oil, trace of water. Flow pressures 32454, shut in pressures 1446-1189, hydrostatic head 1932-1929. DST #3: 4570-84. Shut in 30 min., open 120 min., shut in 60 min. Had weak blo, incr to good blow in 26 min. Rec 120 fluid - 50% oil and 50% OC drilling fluid. Flow pressures 29-43, shut in pressures 1514-1128, hydrostatic head 2128-2111. DST #4: 4616-30. Shut in 30 min., open 120 min., shut in 60 min. Had fair blow, decr to weak blow at end of test. Rec. 15' fluid, being 5' oil and 10' drilling fluid. Flow pressures 13-19, shut in pressures 189-216, hydrostatic head 2140-2140. DST #5: 4716-30. Shut in 30 min., open 120 min., shut in 60 min. Had weak blow, incr to good blow in 15 min., continued thruout test. Rec 130 fluid, being 115' oil and 15' OC drilling fluid. Flow pressures 45-74, shut in pressures 1575-1481, hydrostatic head 2216-2209. DST #6: 4815-32, shut in 30 min., open 90 min., shut in 60 min. Good blow thruout, recovered 7' fluid being 5' oil and 2' mud. Flow pressures 28-26, shut in pressures 444-383, hydrostatic head 2255-2252. DST #7: 5013-40. Shut in 30 min., open 60 min., shut in 45 min. Weak blo and died in 3 min., rec 2' drilling fluid. Flow pressure 0, shut in pressure 0-0, hydrostatic head 2398-2390. DST #8: 5760-5810. Shut in 30 min., open 60 min., shut in 60 min. No blow, bypassed tool in 30 min., still no blow. Rec 30 drilling mud, no sho of oil or gas. Flow pressures 16-16, shut in pressures 1820-2095, hydrostatic head 2846-2836. Drilled to 6237. Ran logs. Set 7" casing at 5020 w/500 sx. Ran temperature survey. Top of cement 3525! Drilled 64" hole to total depth of 8816. Ran logs. Set bridge plug at 4960'. Perf. w/radial crack jets (5 shots on single plane) at 4582 and 4726 feet. Ran Lyons straddle pkrs on 32" drill pipe. Broke perfs at 4726 w/500 gal 15% mud acid. Formation broke at 4000#, displaced at 3700#, inj rate 6 bbls per minute. Straddled perfs at 4582. Broke formation down w/500 sal 15% mud acid, formation broke at 2700#, displaced at 2700#, inj. rate 7 bbls per minute. Sand fraced perfs at 4582. Fluid used was 75% Rangely crude & 25% #5 Burner oil. Used 50 bbls pre-flush, 10,000 gal oil,

### HISTORY OF OIL OR GAS WELL (continued)

13,300 lbs 20-40 mesh sand and 300 lbs walnut shells. Flushed w/40 bbls of cil. TP 5550#, inj rate 15 bbls per min. Instant SI 2100#, 2 hr SI 2000#. Flowed and swabbed. Pre-flushed at 4726' w/30 bbls. Fraced w/10,000 gal, 7,600# 20-40 mesh ad and 300# walnut shells. Flushed w/40 bbls. TP 4500#, inj rate 10½ bbls per minute. Flowed and swabbed. Perf. at 4002'. Straddled perfs with Lyons pkr. Broke down perf w/300 gal 15% mud acid. Displaced acid at 2100#, inj rate 3 bbls per min. Pre-flushed w/30 bbls cil. Fraced w/10,000 gal cil, 10,000# 20-40 mesh ad and 300# walnut shells. Flushed with 30 bbls cil. FP 4500 to 5000#, inj rate 15 bbls per minute. Flowed and swabbed. Set 2-7/8" tubing at 4745'. Seating nipple at 4729'. Ran pump. Constructed tank battery. Installed pumping unit. Put on pump 11-18-62. COMPLETION REPORT: On 24 hr potential test ending 11-20, well pumped 126.64 barrels cil, no water, gas gg 73 MCF. TP 30#, CP 40#, 12" pump, 10 - 64" strokes per minute. Completion date 11-20-62.

Approval expires 12-31-60.	,, ,,}/{
<b>Ut.ah</b>	$A^{nr}$

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

LAND OFFICE	Utah	•		A
LEASE NUMBER	U-02	458		
UNIT Cast	le P	eak	<b></b> -	

## LESSEE'S MONTHLY REPORT OF OPERATIONS

i	State	Uta	ah		Ce	ountyD	uchean	•	Field Wi	ldcat		
	Th	e follo	wing	is a	correc	ct report of	operati	ions and p	production (i	ncluding d	drilling and	l producing
ı	vells) f	or the	mon	th of	No.	vember		., 19. <b>62</b> ,				
•	Agent's	addre	88 <b>8</b>	70 F	irst S	Security Bu	<u>uldin</u>	<b>S</b>	Company The	Shamroc	k Oil and	Gas Corp
-			3.	alt	Lake (	City 11, U	tah	S	ligned	elph Show	non	
1	Phone .		3:	28-0	165				lgent's title .	Distri	ct Geolog	1 st
_	Sec. and 14 of 14	TWP.	LANGE	WELL No.	Days Produced	BARRELS OF OIL	GRAVITY	Cu. Fr. of GA (In thousands		BARRELS OF WATER (If none, so state)	REMA (If drilling, depth; date and result of	if shut down, cause; f test for gasoline
<b>NW</b>	. 24 SE		L5E	1		at 4582 ar 3½" drill mud acid. 3700#, in at 4582'. acid, for inj. rate 4582'. F. Burner cil 13,300 lb: Flushed w/bbls per r Flowed and Fraced w/1 walnut she rate 10½ at 4002'. perf w/300# walnut she rate 10½ at 4000 to 50 and swabbe nipple at Installed COMPLETION 11-20, we ge 73 MCF.	d 472 pipe. Form rate Brok ation 7 bbl uid u . 20-4 40 bb in. swab 0,000 lls. bls p Stra gal bbls pls co,000 t she 00#, d. S 4729 pumpi REPO 1 pum	broke pation broke at the formation broke at the per minute of the	Ran Lyons Derfs at 47 Derfs at	straddle 26' w/50 #, displ Stradd 500 gal splaced fraced fraced crude & h, 10,00 lbs wal #, inj r hr SI 2 t 4726' mesh sd TP 450 and swab ons pkr. laced ac hed w/30 0-40 mess 30 bbls r minute 4745'. ructed t mp ll-18 tial tes oil, no mp, ten	pkrs on 0 gal 15% aced at led perfs 15% mud at 2700#, perfs at 25% #5 0 gal oil nut shell ate 15 000#. w/30 bbls and 300# 0#, inj bed. Peri Broke did at 210 bbls oil n sd and oil. FP Flowed Seating ank batter 62. t ending water, ga	f. own o#
	140/ j	· .			10	1224.67						
									1	i	]	

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Note.—There were 1 (647.00 barrels) runs or sales of oil; \_\_\_\_\_\_ M cu. ft. of gas sold;

Form OGCC 4

## STATE OF UTAH OIL & GAS CONSERVATION COMMISSION

Salt Lake City 14, Utah

## REPORT OF OPERATIONS AND WELL STATUS REPORT

State	Utah	Cou	intyGra	nd		. Field or	Lease	Castle Creek
The	e followi	ng is a co	orrect repor	t of oper	rations and	l producti	on (includ	ding drilling and producing wells) for
Decer	nber 14	<b></b>	••••••	, 1962.	-+f			
Agent's	address	404 Ex	ecutive B	uilding		_		rmountain Oil & Gas Co, a partn
•••••		Salt La	ike City,	Utah		Signed	Log	Cany a Reary of
Phone		DA 2-5	5006			Agent	's title	Lustin Somon
State Le	ase No		Fede	ral Lease	No. 075	39	. Indian L	ease NoFee & Pat.
Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause;
							-	Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
We hav	e not re	sumed	drilling	perati	ns sinc	e our las	t report	for the following reasons:
	l. Bec	ause of	the geole	gical c	omplexe	s in this	area, i	t seemed wise to have
		additio	nal geolog	rical in	formatic	n, so w	e employ	ved Mr. John C. Osmond, o this work and make a report.
		А сору	of this w	ill be f	rwarde	d to you	at your	request.
	2. Mr.	Osmo	nd's reco	mm end	ation wa	s to dril	l a well	to at least a depth of 6500 feet.
		We the file a p	refore en roposed p	ployed lan of	Mr. Os Unit Ope	mond an ration w	d our at	torney, Mr. Melvin Leslie, to U.S.G.S. at Casper, Wyoming.
		А сору	is being	forward	led to yo	u.		, , , , , , , , , , , , , , , , , , , ,
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NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift SI-Shut In D-Dead GI-Gas Injection TA-Temp. Aban. WI-Water Injection





FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah April 8, 1963

Reply to: Intermountain Exploration District First Security Bldg. Room 870 Salt Lake City 11, Utah

Utah Oil and Gas Conservation Commission 310 Newhouse Building Salt Lake City, Utah

Gentlemen:

Will you please hold confidential the information sent you on our Castle Peak Unit No. 1 Well located in Section 24, Township 9 South, Range 15 East, Duchesne County, Utah.

Very truly yours,

Ralph Thomas

District Geologist

RT:1s

Form 9-331 (May 1968	)
(De	

## DEPARTMENT OF THE INTERIOR (Other Instructions verse side) GEOLOGICAL SURVEY

SUBMIT IN TRIPLI

Budget Bureau No. 42-R1424. 5. LEASE DESIGNATION AND SERIAL NO.

U-02458 6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY	NOTICES	AND	REPORTS	ON	WELLS

(Do not use this form for propose Use "APPLICA	als to drill or to deepen or plug back to a different reservoir. TION FOR PERMIT—" for such proposals.)		
OIL X GAS OTHER		7. UNIT AGREEMENT NA	ME
NAME OF OPERATOR		8. FARM OR LEASE NAM	10
Diamond Shamrock Co	rporation	Castle Peak U	Jnit
. ADDRESS OF OPERATOR		9. WELL NO.	
Box 631, Amarillo,	Texas 79105	1	
. LOCATION OF WELL (Report location cl	early and in accordance with any State requirements.*	10. FIELD AND POOL, OR	WILDCAT
See also space 17 below.) At surface		Castle Peak	ν (*). Α
1840' from south li	ne and 2000' from east line of Section.	11. SEC., T., R., M., OR B SURVEY OR AREA	LK. AND
		Sec. 24, T9S,	, R15E
4. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	6268 K.B.	Duchesne	Utah

	Check A	Appropriate Box to t	ndicate	Nature of Notice, Report, o	or Other Date		
NOT	ICE OF INT	ENTION TO:	SUB	SEQUENT REPORT	r or:		
TEST WATER SHUT-OFF		PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON*	<u> </u>	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING	24. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REPAIRING WELL  ALTERING CASING ABANDONMENT®	
SHOOT OR ACIDIZE  REPAIR WELL  (Other)		CHANGE PLANS		(Other) (Note: Report res Completion or Reco		completion on We	il

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and sones pertinent to this work.) •

#### Proposed Plugging Procedure:

Set 250-sack cement plug through tubing, inside 7" casing, from 4,900 to 3,900. Pump 10 sacks cement at surface between 13 3/8" casing and 7" casing. Set 5-sack cement plug in 5 1/2" casing. Install dry hole marker.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION DATE 1-30-11/3 U13 15781

BY CO FEIGHT 1013 U13 SWAWST 8816 LA TON MANAGEMENT 1013 WATER 11 16 TON MANAGEMENT 11 16 TON MANAGEMENT 11 16 TON MANAGEMENT 1013 W

SIGNED SIGNED	TITLE Ass;t Mgr.	Drilling Oper.	раты 7-27-71	
(This space for Federal or State office use)				<del></del>
APPROVED BYCONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE	

## UNIT STATES SUBMIT IN TRIPL (Other instructions of DEPARTMENT OF THE INTERIOR verse side)

GEOLOGICA	L SURVEY		U-	02458	<u>. 1</u>
CULIDAY MOTICEC AND	DEDONTS OF	NI WELLC	6. IF IND	IAN, ALLOTTEE OR	TRIBE NAM
SUNDRY NOTICES AND	KEPUKIS UI	N VVELLS	,		
(Do not use this form for proposals to drill or use "APPLICATION FOR PER	RMIT—" for such prop	osals.)		÷ .	4.
		**************************************	7. UNIT	AGREEMENT NAME	
OIL GAS WELL OTHER					
WELL WELL OTHER NAME OF OPERATOR			S. FARM	OR LEASE NAME	·
			ļ	그는 것 뭐 되었다.	
Diamond Shamrock Corporation			9. WELL	Peak Unit	<del></del>
ADDRESS OF OPERATOR			9. WELL	NU.	
Box 631, Amarillo, Texas 791					
LOCATION OF WELL (Report location clearly and in ac See also space 17 below.)	cordance with any St	ate requirements.*	10. FIELI	AND POOL, OR WII	DCAT
At surface			Cast	le Peak	
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			Sec. 2	4, T98, R1	5E
4. PERMIT NO.   15. ELEVATION	S (Show whether DF, R	r, gr, etc.)	12. COUN	TY OR PARISH 13.	STATE
62681	VD.		Duck	esne l	Jtah
0200	<u>KB</u>		Daci	esite /	JLAN
Check Appropriate Bo	x To Indicate Nat	ture of Notice, Report, o	r Other Dat	α	
NOTICE OF INTENTION TO:	1.		SEQUENT REPOR		
NOTICE OF INTENTION TO.		802			
TEST WATER SHUT-OFF PULL OR ALTER	CASING	WATER SHUT-OFF	<u> </u>	REPAIRING WELL	
FRACTURE TREAT MULTIPLE COMP	LETE	FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE ABANDON*		SHOOTING OR ACIDIZING		ABÁNDONMENT*	X
REPAIR WELL CHANGE PLANS		(Other)	1. 1.		
(Other)		(Note: Report rest Completion or Reco	ults of multipl	e completion on W	7ell
Plugging Procedure			- Fan 2		
Ran tubing to 4,900' and circu Spotted 250 sacks cement from			f 8.4# mu	ıd.	
Spotted 10 sacks between 7" ca	•				
Spotted 5 sacks inside 7" casi	_	o, casing.			,
			•		
Plugged and abandoned 8-13-71.	i				
		<b>"</b>			
Dry hole marker erected in com	pliance with	regulations.			
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	-				
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					1 2
					V.
8. I hereby certify that the foregoing is true and corre	ect				
Was Roughl		h Maur Duillin A			<b>71</b>
SIGNED SECTION OF SIGNED	TITLE ASS	t Mgr. Drilling Op	ZEE. DA	тв <u>8-17-</u> 7	<u> </u>
(This space for Federal or State office use)		· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·
( man speed for a contest of power owner and)					
APPROVED BY	TITLE		<b>DA</b>	TE	

Form 3160-3

preventer program, if any.

Brad Mecham (This space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY :

SIGNED

APPROVED BY

24.

ICATE\* SUBMIT IN T

Form approved. -- Budget Bureau No. 1004-0136

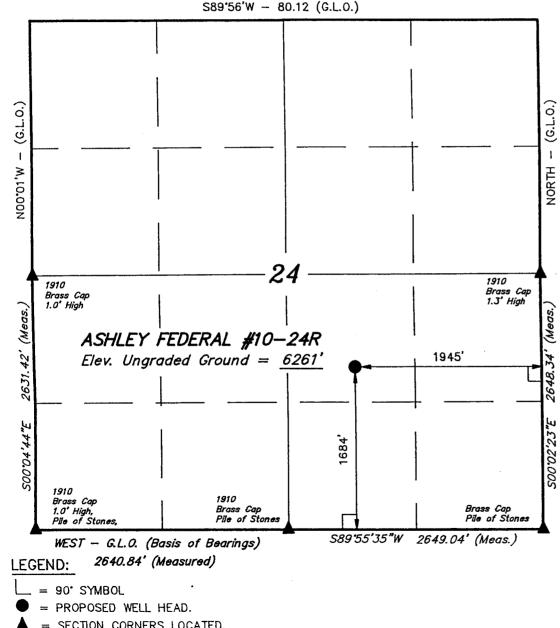
DATE 5/15/96

DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  1a. TYPE OF WORK DRILL DEEPEN PLUG BACK  b. TYPE OF WELL OIL WELL OTHER RE-ENTRY SINGLE MULTIPLE ASNE OF OPERATOR  Inland Production Company  3. ADDRESS OF OPERATOR P.O. BOX 1446 ROOSEVELT, UT 84066 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)  At surface  NW/SE At proposed prod. Zone 1684 FSL & 1945 FEL  14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  14. DISTANCE FROM PROPOSED* LOCATION TO NEAREST NINE, FT. LOCATION TO	(November 1983)	UNI	TED STATES	ide)	Expires August 31, 1985,						
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  18. TIPE OF WORK  DRILL DEEPEN DEEPEN DEEPEN DEEPEN DECEMBER TO SORE DEEPEN DEEPEN DECEMBER THANK  18. TIPE OF WELL  OTHER RE-ENTRY SINGLE DONE  19. MOLTITLE DONE  2. KAME OF OPERATOR  19. PLUG BACK DEADLY  REPORT OF THE BANK OF THANK AME  AS PARM OF TH	(formerly 9-331C)										
APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK  18. TIPE OF WALL  DEEPEN PLUG BACK  DILL OBJECT  OTHER RE-ENTRY  SINGLE SONE  OTHER SALE  OTHER RE-ENTRY  SINGLE SONE  OTHER RE-ENTRY  SINGLE SONE  OTHER RE-ENTRY  SINGLE SONE  OTHER RE-ENTRY  SINGLE SONE  OTHER SALE  OTHER SONE  OTHER SALE  OTHER S		BUREAU OF	U-02458								
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OIL OIL OR WILL OTHER RE-ENTRY SINGLE DOOR ASHED AND CHARACTER OF THE OTHER RE-ENTRY SONS DOOR OF THE ONE OF THE OTHER RE-ENTRY SONS DOOR OF THE OIL OIL OF THE OIL	1a. TYPE OF WORK	DRILL	DEEPEN 🗌	PLUG BAC	CK 🗆	7. UNIT AGREEMENT NAME					
SAME OF THE REPORT OF THE PROPERTY OF THE PROP			a mana	SINGLE MULTIP	LE [	S WARM OR LEASE NAME					
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\*See Instructions On Reverse Side

TITLE Operations Manager

## T9S, R15E, S.L.B.&M.



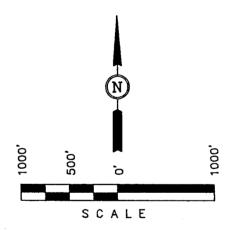
= SECTION CORNERS LOCATED.

### INLAND PRODUCTION CO.

Well location, ASHLEY FEDERAL #10-24R, located as shown in the NW 1/4 SE 1/4 of Section 24, T9S, R15E, S.L.B.&M. Duchesne County, Utah.

#### BASIS OF ELEVATION

BENCH MARK M77 (1934) LOCATED IN THE NW 1/4 OF SECTION 25, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6153 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

> REGISTERED LAND SURVEYOR REGISTRATION NO. 161319

STATE OF UTAH

### UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL UTAH 84078 (801) 789-1017

SCALE	(001) 7	DATE SURVEYED:	DATE DRAWN:						
1" = 1000'		2-28-96	3-5-96						
PARTY		REFERENCES							
L.D.T. M.R.	D.R.B.	G.L.O. PLAT							
WEATHER		FILE							
COLD		INLAND PRODUCTION CO.							

### INLAND PRODUCTION COMPANY ASHLEY FEDERAL #10-24R NW/SE SECTION 24, T9S, R15E DUCHESNE COUNTY, UTAH

#### TEN POINT WELL PROGRAM

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. <u>ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:</u>

 Uinta
 0' - 3050'

 Green River
 3050'

 Wasatch
 6500'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050'-6500' - oil

#### 4. EXISTING CASING

13 3/8" J-55 48# existing csg @ 210' 7" J-55 23# w/ LT&C collars; set @ 5020' See Exhibit "F".

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 6" 3000# BOP will be utilized.

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The existing plugs will be drilled out with 2% KCL wtr.

#### 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

A TIW valve with 8rd threads.

#### 8. <u>TESTING, LOGGING AND CORING PROGRAMS:</u>

Existing logs will be used. It is anticipated at this time that no new logs are to be run.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

#### 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the workover operations will commence in July, 1996 and take approximately four days to workover.

### INLAND PRODUCTION COMPANY ASHLEY FEDERAL #10-24R NW/SE SECTION 24, T9S, R15E DUCHESNE COUNTY, UTAH

#### THIRTEEN POINT WELL PROGRAM

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal #10-24R located in the NW 1/4 SE 1/4 Section 24, T9S, R15E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 9.7 miles to its junction with an existing dirt road to the southwest. Proceed southwesterly along this road 5.3 miles to its junction with an existing dirt road to the east; proceed easterly along this road 1.4 miles to the Ashley Federal #11-24, and to the beginning of the existing access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 ends, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the workover phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The existing access road leaves the Ashley Federal #10-23 access road in the SW/SE Sec. 23, T9S, R15E, and proceeds in an easterly direction from the Ashley Federal #10-23 access road, approximately 1.4 miles  $\pm$ , to the proposed location site.

The existing access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will no culverts required along this access road. There will no water turnouts constructed along this road.

There are no fences encountered along this proposed road. There will no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

#### 3. LOCATION OF EXISTING WELLS

There is one P&A Inland Production Co. oil well, within a one mile radius of this location. (See exhibit "D").

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system for the purpose of drilling and completing the Ashley Federal #10-24R.

Existing water for this well will be trucked from Inland Production Company's water supply line, located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R17E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

#### 6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

#### 7. <u>METHODS FOR HANDLING WASTE DISPOSAL</u>

See Location Layout Sheet - Exhibit "E".

A small pit will be constructed from native soil to hold cuttings from cement plugs. The pit will be promptly reclaimed after the workover operations are completed.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for reinjection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

#### 8. <u>ANCILLARY FACILITIES</u>

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

The temporary pit will be located on the south, between stakes 4 & 5.

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the east, between stakes 2 & 3, and windrowed on the north side, between stakes 2 & 8.

Access to the well pad will be from the northwest corner, between stakes 7 & 8.

The northeast corner will be rounded, to avoid excess drainage.

#### Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.

- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on four (4) sides during workover operations. Pits will be fenced and maintained until cleanup.

#### 10. PLANS FOR RESTORATION OF SURFACE

#### a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons, removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

#### b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP - Bureau Of Land Management

#### 12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.

c) Completion rigs and/or equipment used during operations on this well site will not be stacked or stored on Federal Lands after the conclusion of completion operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. The Archaeological Survey Report is attached.

#### Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### Hazardous Material Declaration

Inland Production Company guarantees that during the workover of the Ashley Federal #10-24R, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act SARA) of 1986. Inland also guarantees that during the workover of the Ashley Federal #10-24R, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and workover activities.

Inland Production Company or a contractor employed by Inland Production, shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the workover rig.

#### 13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name:

**Brad Mecham** 

Address:

P.O. Box 1446 Roosevelt, Utah 84066

Telephone:

(801) 722-5103

#### <u>Certification</u>

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #10-24R NW/SE Section 24, Township 9S, Range 15E: Lease #U-02458 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

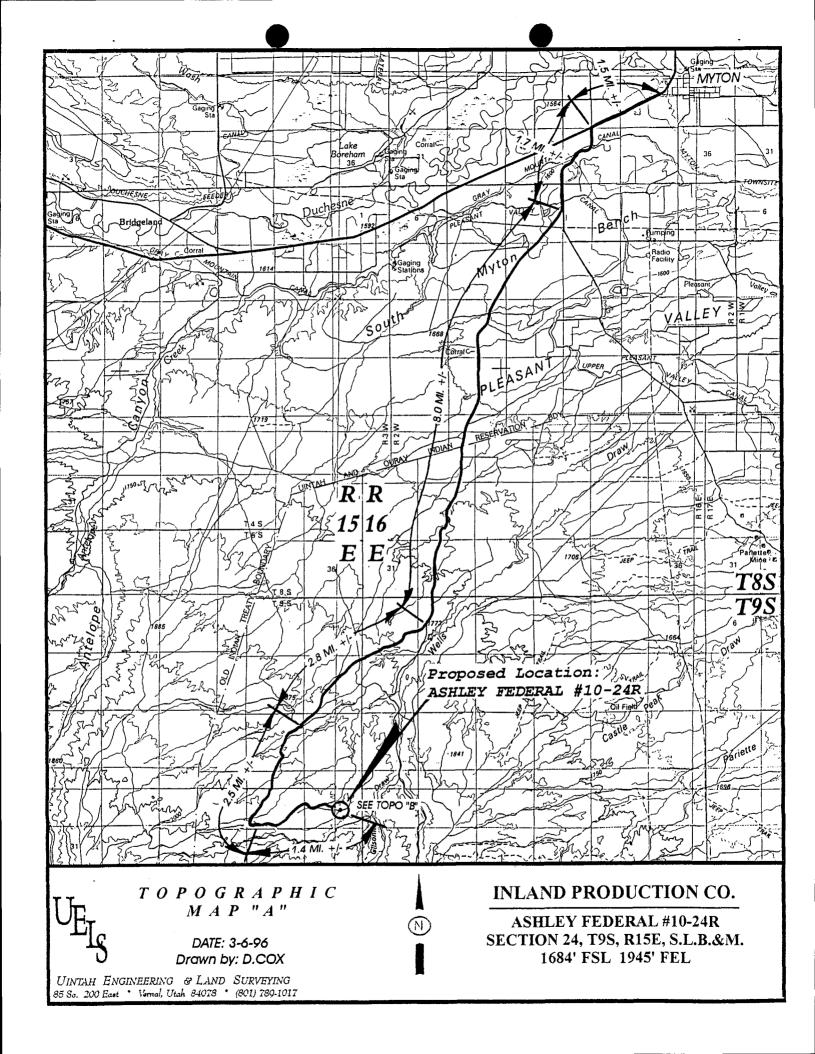
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

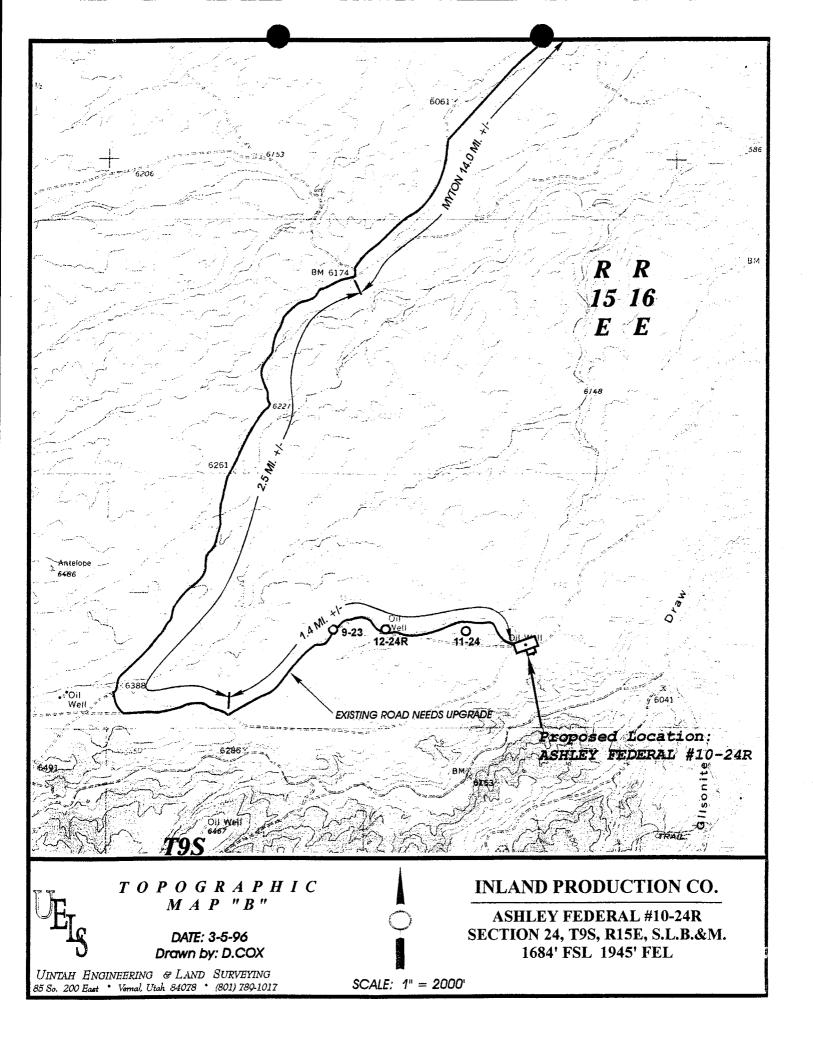
5-28-96

Date

Brad Mecham

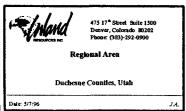
Operations Manager

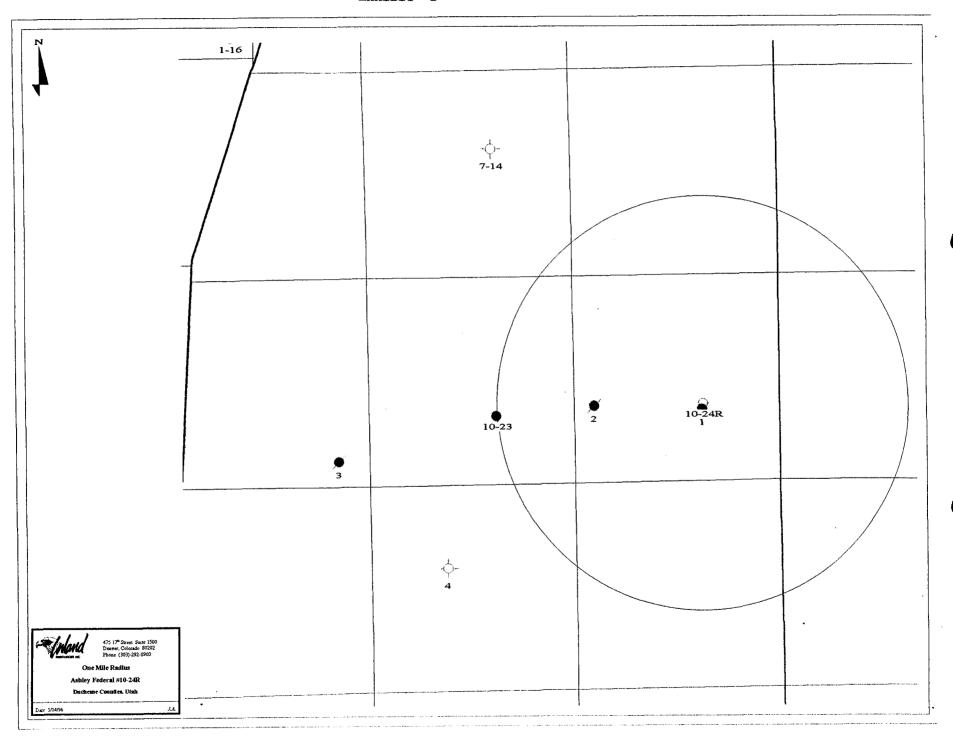


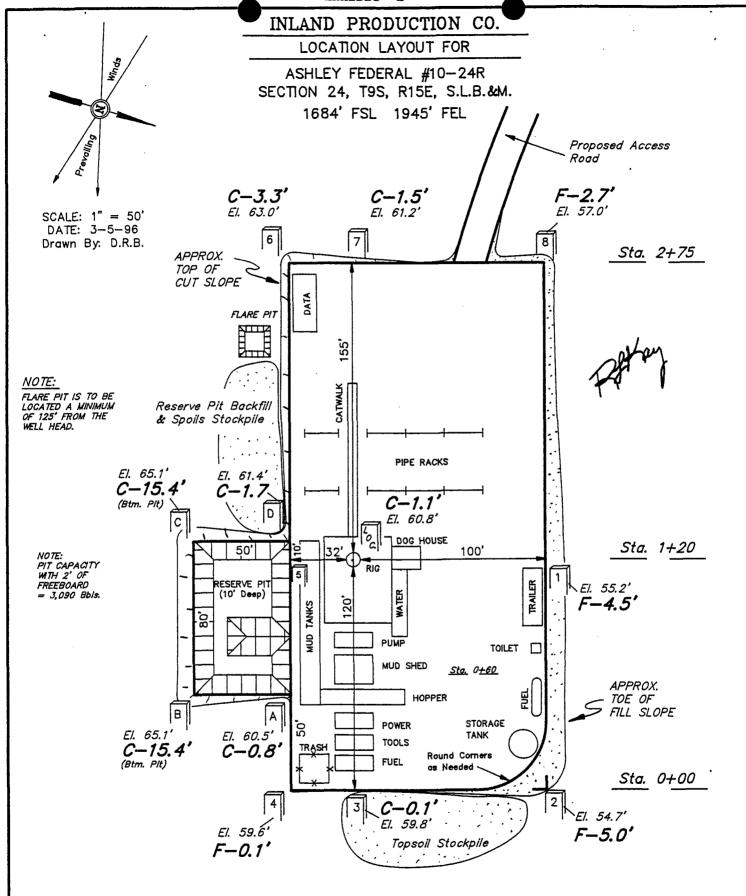


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Elev. Ungraded Ground at Location Stake = 6260.8'
Elev. Graded Ground at Location Stake = 6259.7'

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

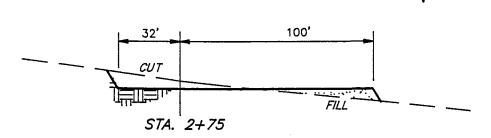
## INLAND PRODUCTION CO.

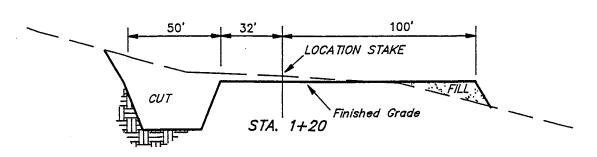
## TYPICAL CROSS SECTIONS FOR

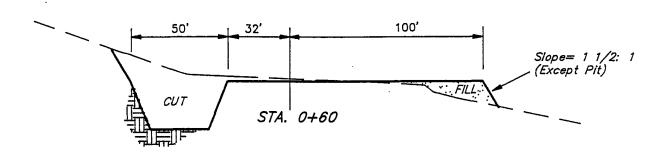
ASHLEY FEDERAL #10-24R SECTION 24, T9S, R15E, S.L.B.&M. 1684' FSL 1945' FEL

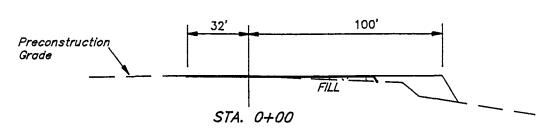
20, X-Section 11 Scale 1" = 50'

DATE: 3-5-96 Drawn By: D.R.B.









## APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping

= *750* Cu. Yds. = 1,970 Cu. Yds.

Remaining Location

TOTAL CUT

= 2,720 CU.YDS.

**FILL** 

= 1,430 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION

= *1,210* Cu. Yds.

Topsoil & Pit Backfill

= 1,210 Cu. Yds.

(1/2 Pit Vol.)

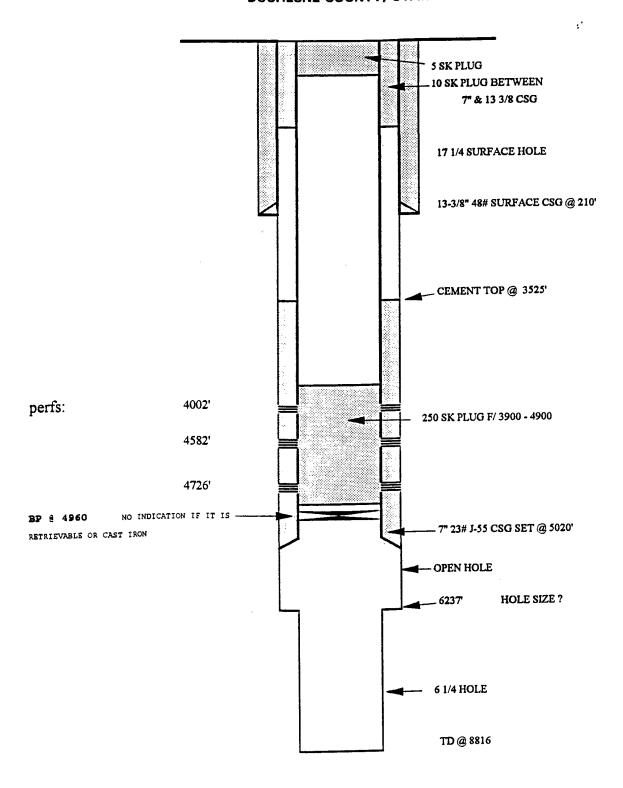
EXCESS MATERIAL After Cu. Yds.

Reserve Pit is Backfilled & Topsoil is Re-distributed

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

## **ASHLEY FEDERAL #10-24R**

NW/SE SECTION 24, T9S, R15E DUCHESNE COUNTY, UTAH



## A CULTURAL RESOURCES SURVEY OF

# ASHLEY FEDERAL WELLS #9-23, #10-24R, #11-24, #12-24R AND ACCESS ROADS NEAR WELLS DRAW, DUCHESNE COUNTY, UTAH

by

Heather M. Weymouth Senior Archaeologist

Prepared for:

P.O. Box 1446
Roosevelt, Utah 84066

Prepared by:

Sagebrush Archaeological Consultants, L.L.C. 3670 Quincy Avenue, Suite 203
Ogden. Utah 84403

Under Authority of Cultural Resources Use Permit No. 95-UT-54630

and

Utah State Antiquities Permit No. U-96-SJ-0119b

Archaeological Report No. 855-01

March 12, 1996

## INTRODUCTION

In February 1996, Inland Production Company (Inland) of Roosevelt, Utah requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of Inland's Ashley Federal wells #9-23 (1980' FSL 660' FEL), #10-24R (1684' FSL 1945' FEL), #11-24 (2008' FSL 1970' FWL) and #12-24R (2037' FSL 444' FWL) located on lands controlled by the Bureau of Land Management (BLM) in Duchesne County, Utah (Figure 1).

The proposed wells are located in T. 9S., R. 15E., S. 23 and 24 on USGS 7.5' Quadrangle Myton SW, Utah (1964). The project was carried out by Heather M. Weymouth and Lynita S. Langley on March 6, 1996 under authority of Cultural Resources Use Permit No. 95UT54630 and Utah State Antiquities Permit No. U-96-SJ-0118b.

A file search for previously recorded cultural resource sites and paleontological localities located near the current project area was conducted by Heather M. Weymouth and Lynita S. Langley on February 23, 1996 at the BLM, Vernal District Office to determine if any cultural resource projects had been conducted or sites recorded in or near the current project area. An additional file search was conducted by Michael R. Polk at the Division of State History, Utah State Historic Preservation Office, Salt Lake City on February 21, 1996.

More than 15 previous cultural resources projects have been conducted in the area of the current project. Due to the large number of projects conducted in this area, individual project descriptions will not be listed. However, two cultural resource sites are listed as being located near the current project area. Following is a brief description of these sites:

## Cultural Resource Sites

Site 42Dc344. This site, located just north of an ephemeral wash near Wells Draw, is a light lithic scatter consisting of three lithic flakes, a core, and a projectile point tip fragment. This site has not been evaluated for eligibility to the National Register of Historic Places (NRHP).

Site 42Dc553. This site, located at the west edge of a low sandstone bench and just east of a dry wash, consists of an open lithic scatter with a possible eroded hearth. This site was recommended ELIGIBLE to the NRHP.

No paleontological localities are listed as being in the vicinity of the current project area. In addition to these searches, the NRHP was consulted prior to conducting the survey. No NRHP listed or determined eligible sites were found to be in the vicinity of the current project area.

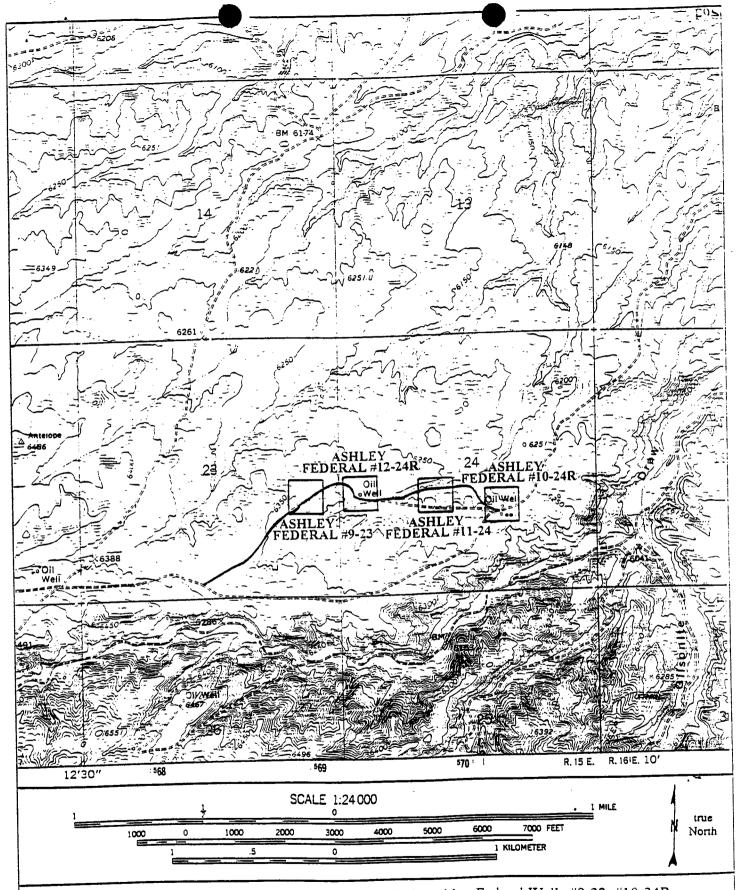


Figure 1. Location of Inland Resources Corporation's Ashley Federal Wells #9-23, #10-24R, #11-24, #12-24R and access roads. Taken from USGS 7.5' Quadrangle Myton SW. Utah (1964).

## **ENVIRONMENT**

The project area lies approximately 12 miles south of Myton, Utah just west of Wells Draw. The well pads and access roads lie in an area of low rolling tablelands divided by seasonally flowing drainages. Soils in these areas are poorly developed and extremely sandy in nature. Sediments consist of very fine grained buff to green colored sand with areas of angular rock fragments composed of mudstone. Iimestone and sandstone. The elevation of the area surveyed ranges between 6220 and 6400 feet (ft) a.s.l. Vegetation in the project area covers approximately 20 percent of the surface and is predominantly shadscale and Pinyon-Juniper community species. Noted species include pinyon pine, juniper, prickly pear cactus, small sagebrush and a variety of low grasses. Many seasonally flowing drainages and washes are present in the vicinity of the project area. These seasonal water sources were likely the primary source of water in this area prehistorically and historically. Natural disturbance in the area consists primarily of sheetwash erosion and arroyo cutting. Cultural disturbance includes existing well pad locations, pipelines, access roads, and grazing of livestock.

## **METHODOLOGY**

The project area consists of four 40,469 m² (10 acre) parcels of land 201-by-201 m (660-by-660 ft) centered on the proposed well heads and access roads connecting the well locations to existing roadways. The well pads were inventoried by Heather M. Weymouth and Lynita S. Langley walking parallel transects spaced no more than 15 m (50 ft) apart. The access roads. which totaled 2.25 km (1.4 miles) in length, were each walked in two parallel transects spaced 10 m (32 ft) apart to cover a corridor width of 100 ft (30 m). The area surveyed during this project (including well pads and access roads) totaled 230,671 m² (57 acres)

#### RESULTS

No cultural resources sites nor paleontological localities were found as a result of this inventory.

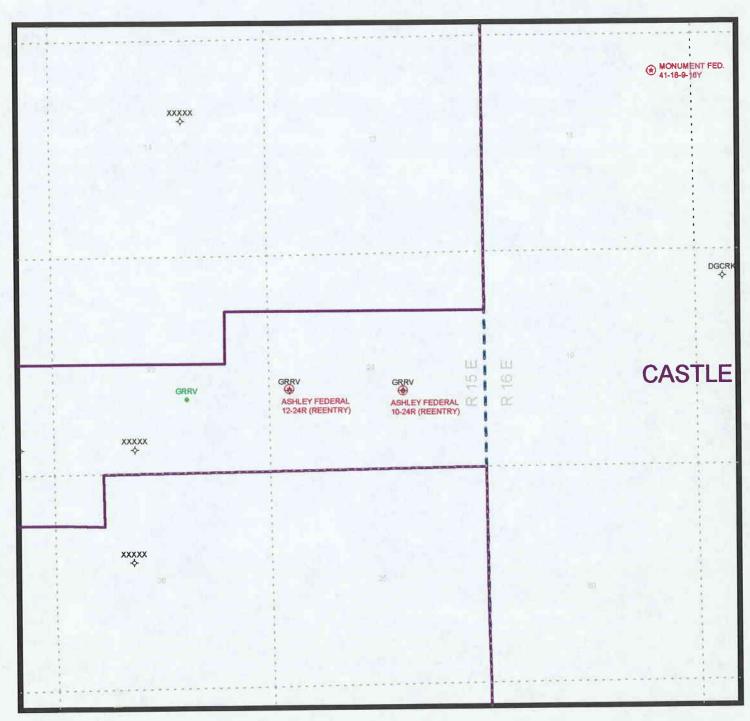
## RECOMMENDATIONS

Since there were no cultural resources nor paleontological resources found, cultural and paleontological clearance is recommended for the proposed project.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah.

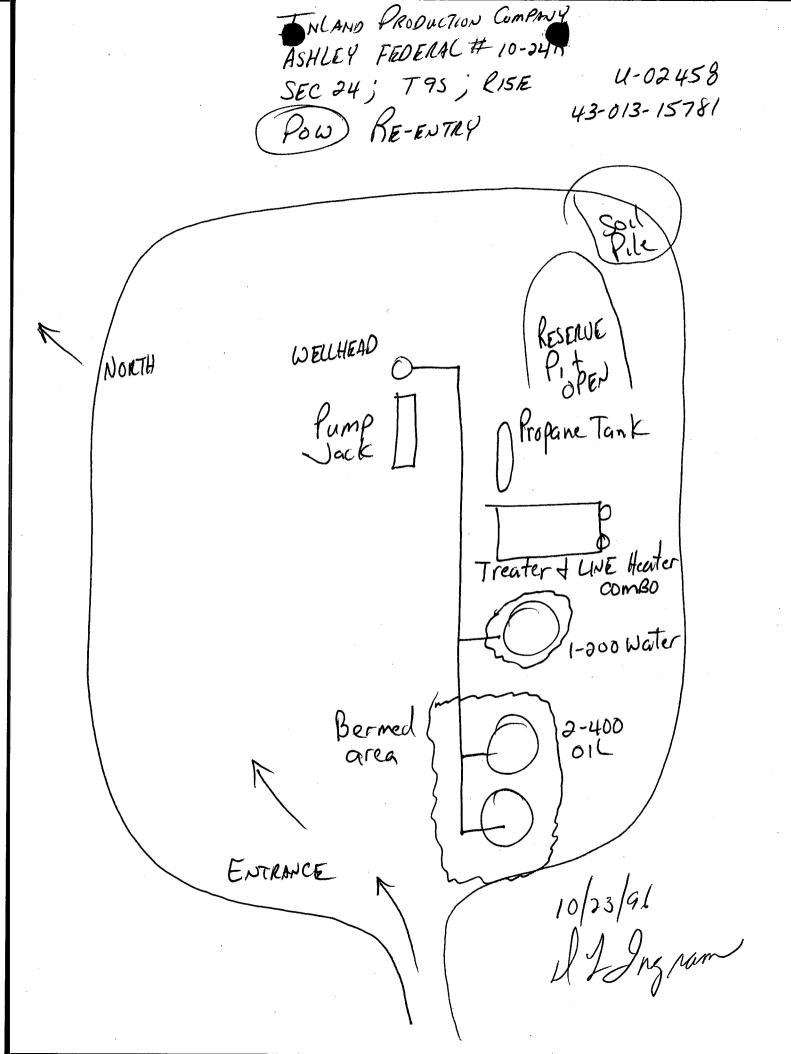
APD RECEIVED: 05/31/96	API NO. ASSIGNED: 43-013-15781
WELL NAME: ASHLEY FED 10-24R (REENT OPERATOR: INLAND PRODUCTION COMPANIED PROPOSED LOCATION:	
NWSE 24 - T09S - R15E SURFACE: 1684-FSL-1945-FEL	TECH REVIEW Initials Date
BOTTOM: 1684-FSL-1945-FEL DUCHESNE COUNTY CASTLE PEAK FIELD (075)	Engineering
LEASE TYPE: FED	Geology
LEASE NUMBER: U - 02458	Surface
PROPOSED PRODUCING FORMATION: GRRV	
Plat Bond: Federal[V] State[] Fee[] (Number 4488944)  Potash (Y/N) Noil shale (Y/N) Water permit (Number Missing Well 7-32) RDCC Review (Y/N) (Date:)	LOCATION AND SITING:  R649-2-3. Unit: R649-3-2. General.  R649-3-3. Exception.  Drilling Unit Board Cause no: Date:
COMMENTS:	
STIPULATIONS:	

## INLAND PRODUCTION COMPANY DEVELOPMENT DRILLING SEC. 24, T9S, R15E, DUCHESNE, COUNTY UAC R649-3-2



PREPARED:

**DATE: 30-MAY-96** 





## State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax)

801-538-5319 (TDD)

July 3, 1996

Inland Production Company P.O. Box 1446 Roosevelt, Utah 84066

Re: Ashley Federal 10-24R Well, 1684' FSL, 1945' FEL,

NW SE, Sec. 24, T. 9 S., R. 15 E., Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-15781.

Sincerely,

Associate Director

lwp Enclosures

cc: Duchesne County Assessor

Bureau of Land Management, Vernal District Office



Operator:	Inland Production Company	
Well Name & Number	r: <u>Ashley Federal 10-24R</u>	· · · · · · · · · · · · · · · · · · ·
API Number:	43-013-15781	
Lease:	U-02458	
Location: <u>NW S</u>	SE Sec24	_15 E.

## Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

Notification Requirements
 Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements
All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

SUBMIT IN TRECATE.

Form approved.

Form 3160-3 (November 1983)	IINIT	ED STATES	3	(Other instruc reverse si		Budget Bureau Expires August	No. 1004-0136 : 31, 1985; -
(formerly 9-331C)	DEPARTMENT	OF THE I	NTER	RIOR		5. LEASE DESIGNATION	AND SERIAL NO.
		LAND MANAG				U-02458	
					A 614	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
APPLICATION	Y FOR PERMIT T	O DRILL, I	DEEPE	N, OR PLUG B	ACK_	·	
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b. TYPE OF WELL	AS T	E-ENTRY		NGLE MULTIPI	LE	8. FARM OR LEASE NA	ME
OIL WELL W	ELL OTHER III	3 IM III 2	20		<del>~                                    </del>	Ashley Federa	31
			.1	I GLOCITY ITL	,	9. WELL NO.	
Inland Product	ion Company			MAY 3 1 1996		#10-24R	
	D14 ##	011066				10. FIELD AND POOL,	OR WILDCAT
P.O. Box 1446	eport location clearly and	84066	h any S	tate requirements.*)			
At surface NW/S			-			11. SEC., T., R., M., OR AND SURVEY OR A	BLK.
	a COltanor e	1945' PET.					
At proposed prod. zon	le TOO4 FDD &	17.7 1111				Sec. 24, T9S	, RI5E
14. DISTANCE IN MILES	AND DIRECTION FROM NEAR	EST TOWN OR POS	T OFFICE	•		12. COUNTY OR PARISE	1
14 miles south	west of Myton,	UT				Duchesne	UT
15. DISTANCE FROM PROPO	SED*		16. NO	OF ACRES IN LEASE	17. NO. TO T	OF ACRES ASSIGNED HIS WELL	
LOCATION TO NEARES: PROPERTY OR LEASE I (Also to nearest dri	IND RT. TOU	5 <b>'</b>	61	40		40	
			19. PR	OPOSED DEPTH	20. ROTA	RY OR CABLE TOOLS	
TO NEAREST WELL, D OR APPLIED FOR, ON TH	OSED LOCATION* RILLING, COMPLETED, 136	5 <b>'</b>	55	500 <b>'</b>	Wor	rkover Rig	
21. ELEVATIONS (Show wh	ether DF, RT, GR, etc.)					22. APPROX. DATE W	
6259.7' GR						Third quarte	er 1996
23.	F	PROPOSED CASI	NG ANI	CEMENTING PROGRA	M		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F	OOT	SETTING DEPTH		QUANTITY OF CEME	NT
	13 3/8"	48#		210'	300 sz	c in place	
	711	23#		5020'	500 sz	<u> </u>	
·					1		
drillir 10 sx c The wel 5500'. Inland	Production Comp ng out the cemen emt plug between Il was originall Production Comp	t plugs as 7" csg & 1 y drilled t any is requ	follo 13 3/8 30 883 30 883	ows: 250 sx cm 8" csg, and 5 s 16'. Re-entry o	t plug x cmt i lepth i	from 3900' - 1 inside 7" csg. is proposed to	, 1900',
API# 43	3-013-15781, be	renamed the	e Ashi	ley Federal #10	-24R.	-	
	• •				0	ECEIV	EM

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present pro-IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen of plug back, give locations and messaged and the vertical depths of the control of the c preventer program, if any.  $\overline{24}$ . (This space for Federal or State office use) JUL 3 1996 Assistant Field Manager

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false. fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COAs Page 1 of 7 Well No.: Ashley Federal 10-24R

## CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company
Well Name & Number: Ashley Federal 10-24R
API Number: 43-013-15781
Lease Number: <u>U - 02458</u>
Location: <u>NWSE</u> Sec. <u>24</u> T. <u>9S</u> R. <u>15E</u>

## **NOTIFICATION REQUIREMENTS**

Location Construction

at least forty-eight (48) hours prior to construction of

location and access roads.

**Location Completion** 

prior to moving on the drilling rig.

Re-entry Notice

at least twenty-four (24) hours prior to re-entering the

wellbore.

BOP and Related

**Equipment Tests** 

at least twenty-four (24) hours prior to initiating pressure

tests.

First Production

Notice

within five (5) business days after new well begins, or

production resumes after well has been off production for

more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COAs Page 2 of 7 Well No.: Ashley Federal 10-24R

### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The re-entry of this wellbore is approved to a depth of <u>5000 ft. only</u>. Should you decide to go deeper than 5000 ft, you will need to get approval from the authorized officer before proceeding deeper.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### A. DRILLING PROGRAM

## 1. <u>Pressure Control Equipment</u>

The BOP and related equipment shall be a functionally operable **3M** system installed and function tested prior to initiating drill out of any plugs.

### 2. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

## 3. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement, if one has not already been run, and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

COAs Page 3 of 7 Well No.: Ashley Federal 10-24R

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4.

## 4. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

COAs Page 4 of 7 Well No.: Ashley Federal 10-24R

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

## 5. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

COAs Page 5 of 7 Well No.: Ashley Federal 10-24R

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (801) 789-7077 Petroleum Engineer

Wayne P. Bankert (801) 789-4170 Petroleum Engineer

Jerry Kenczka (801)781-1190 Petroleum Engineer

BLM FAX Machine (801) 781-4410

COAs Page 6 of 7 Well No.: Ashley Federal 10-24R

## EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

COAs Page 7 of 7 Well No.: Ashley Federal 10-24R

## SURFACE USE PLAN OF OPERATIONS

Conditions of Approval (COAs)

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

- -All vehicle travel will be confined to existing access road rights-of-way.
- -The old access road to the east of this well shall be closed to motorized traffic.



September 11, 1996

State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple Suite 1210
Salt Lake City Utah 84114-5801

ATTENTION: Lisha Cordova

RE:

Boundary Federal #6-20 SE/NW Sec. 20, T8S, R17E Duchesne County, Utah

Duchesne County, Utah

Ashley Federal #12-24R NW/SW Sec. 24, T9S, R15E Duchesne County, Utah

Dear Lisha,

I am faxing Entity Action Form - 6, for the new Entity No., on the above referenced locations.

Please call me at your convenience, with the new numbers at (801) 722-5103.

Sincerely,

Cheryl Cameron

Regulatory Compliance Specialist

Ashley Federal #10-24R

NW/SE Sec. 24, T9S, R15E

/cc

**Enclosures** 

Inland Production Company Field Office • P.O. Box 1446 • Roosevelt, UT 84066 • 801-722-5103 • FAX 801-722-9149
475 Seventeenth Street, Suite 1500, Donver, CO 80202 • 808-292-0900 • FAX 303-296-4070

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SPERATOR Inland Production CD.

AESKESS P.O. Box 1446

Roosevelt, UT 84066

CODE ENT!	KENT (* NO. ENI	HEW HEL	API HENCES		HELL I	AHE	90	SC	WELL TP	recyllo		SPUD DATE	EFFECTIV
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CC : CUMMEN		111 \$	<b>43-013-31626</b>	Boundary	Ped #	6-20	SE/M	28	85	17E	Duchesne	9/9/96	9/9/96
LL - LIFETEN	13:												
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999		993	43-013-15782	Ashley P	ederal	# 12-24R	NN/SN	24	98	15E	Duchesne	12/15/62	8-19-91
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EL 4 COMMENT	S:	•								·			
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A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)
C - Re-assign well from one existing entity to another existing entity

0 - Re-assign well from one existing entity to a new entity

E - Other [explain in comments section]

MATE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Cheryl Cameron

Compliance Specalist 9/11/96

Phone No. (801 ) 722-5103

## DIVISION OF OIL, GAS AND MINING

## SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.
Well Name: ASHLEY FEDERAL 1024R (RE-ENTRY)
Api No. 43-013-15781
Section 24 Township 9S Range 15E County DUCHESNE
Drilling Contractor BASIN WELL SERVICE
Rig #: 6
SPUDDED:
Date: 9/23/96
Time:
How: ROTARY
Drilling will commence:
Reported by:
Telephone #:
Date: 9/23/96Signed:JLT

FORM 3160-5

(June 1990)

## UNITED TATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budged Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPORT Do not use this form for proposals to drill or of Use "APPLICATION FOR PERM	deepen or reentry to a different reservoir.	<ul> <li>5. Lease Designation and Serial No.  <i>U-02458</i></li> <li>6. If Indian, Allottee or Tribe Name</li> </ul>
SUBMIT IN TI		7. If unit or CA, Agreement Designation
1. Type of Well		
X Oil Well Gas well Other		8. Well Name and No.
2. Name of Operator		Ashley Fed 10-24R
Inland Production		9. API Well No. 43-013-15781
3. Address and Telephone No.  P.O. Box 1446 Roosevelt, UT 84066 (80)	J 722-5103	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		
NW/SE Sec. 24,T9S,R15E		11. County or Parish, State  Duchesne,UT
	THE OF MOTION PERCENT OF STUFF	DATA
	ICATE NATURE OF NOTICE, REPORT, OR OTHEF  TYPE OF ACTION	TDATA
TYPE OF SUBMISSION	Abandonment	Change of Plans
Notice of Intent	Recompletion	New Construction
	Plugging Back	Non-Routine Fracturing
X Subsequent Report	Casing repair	Water Shut-off
Fired Abandanment Nation	Altering Casing	Conversion to Injection
Final Abandonment Notice	X Other Re-Entry	Dispose Water
'		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
drilled, give subsurface locations and measured and true vertical  WEEKLY STATUS REPORT FOR WEEK	OF 9/23/96 - 9/30/96:	work. If well is directioally
MIRU Basin #6. Cut off 13 3/8" suff (	csg & install csg head. Tag cmt @ 3708'. 398' - 4920'. Run CBL/GR log from 4952'-surf.	Cantina Sal
SPUD ON 9/23/96	338 - 4320 . Han Obe Giving from Year carre	OCT 1 0 1950
		DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is frue and correct Signed \( \text{Lig} \) \( \text{Lig} \) \( \text{R} \) \( \text{R} \)	Title Regulatory Compliance Specialist	Date 10/3/96
Cheryl Cameron		
(This space of Federal or State office use.)		
Approved by	Title	Date
Conditions of approval, if any:		

FORM 3160-5

(June 1990)

## UNITED TATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED

Budged Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPOR	RTS ON WELLS	5. Lease Designation and Serial No. <b>U-02458</b>
Do not use this form for proposals to drill or d Use "APPLICATION FOR PERM	eepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
SUBMIT IN TI	RIPLICATE	7. If unit or CA, Agreement Designation
1. Type of Well  X Oil Well  Gas well  Other		8. Well Name and No.
2. Name of Operator		Ashley Fed 10-24R
Inland Production		9. API Well No.
<ol> <li>Address and Telephone No.</li> <li>P.O. Box 1446 Roosevelt, UT 84066 (801)</li> </ol>	722-5103	43-013-15781  10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		
NW/SE Sec. 24,T9S,R15E		11. County or Parish, State  Duchesne, UT
12 CHECK APPROPRIATE BOX(s) TO INDI	CATE NATURE OF NOTICE, REPORT, OR OTHER	DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other Weekly Status	Dispose Water  (Note: Report results of multiple completion on Well  Completion or Recompletion Report and Log form.)
<ol> <li>Describe Proposed or Completed Operations (Clearly state all pertinent didrilled, give subsurface locations and measured and true vertical of the complete of the</li></ol>		ork. If well is directioally
Perf B sd 4820'-4831' & frac Perf C sd 4723'-4731' & frac Perf D sd 4567'-4572', 4576'-4589',		IVED
ON PRODUCTION 10/15/96	DIV. OF OIL, GA	
14. I hereby certify and the foregoing introe and correct Signed Cheryl Carperon	Title Regulatory Compliance Specialist	Date 1018/96
(This space of Federal or State office use.)		
Approved by	Title	Date
Conditions of approval, if any:		
itle 18 U.S.C. Section 1001, makes it a crime for any person knowingly to m	ake to any department of the United States any false, fictitious or fraudulent staten	nents or representations as
o any matter within its jurisdiction.		

2. NAME OF COMMAND   TABLEPHONE NO.		Form 3160-4 (July 1992)	DE		NITED ENT C	OF TH	E IN	ENIT	<b>以记</b> OR 1998	LICATI See of h ruction reverse	er in- pr on side) 5.	OMB No Expires: F	APPROVES O. 1004-0137 ebruary 28, 1995 lation and Berial No
1. ADDRESS AND TELEPHONE NO.				A11. C		=+				3	7.	'NIT AGREEME	INT NAMB
2. ADDRESS AND TELESPHONE NO.  P.O. BOX 790233 VOTTAL IT 84079 (801) 789-1866  6. LOCKTORE OF WILLE (AFFECTIVE TELESION CIRCLY SERIOR CIVIL ONLY SERIOR CIVI		NEW [	WORK (	T) DEED (		1					8.	FARM OR LE	ease name, well no
At top prod. interval reported below 1684' FSL & 1945' FEL  At top prod. interval reported below 1684' FSL & 1945' FEL  At total depth    16. Park if No.   16. Date to. Beached   17. Date of the No.   18. Date interval   18. D	-	Inland Pro	oduction	ONE NO.		079	(801	789-1	1866		43-	<del>013-315</del> 2	22
15. DATE SPECODED   16. DATE T.D. MEACHED   17. DATE CONTL. [Ready to pred.]   18. ELECTRONS (OP. 80.8), TO. STC.)*   19. ELEC. CARRINGERO   17. DATE SPECODED   16. DATE T.D. MEACHED   17. DATE CONTL. [Ready to pred.]   18. ELECTRONS (OP. 80.8), TO. STC.)*   19. ELEC. CARRINGERO   17. DATE SPECODED   18. DATE SPECODED   18. DATE SPECODED   18. ELECTRONS (OP. 80.8), TO. STC.)*   19. ELEC. CARRINGERO   17. DATE CONTL. [Ready to pred.]   18. ELECTRONS (OP. 80.8), TO. STC. STC. STC. STC. STC. STC. STC. STC	-	At surface	NW/SE						quiremen	ite)*		OR AREA	
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28. THE PATH. NO A TWO	ï		1		į.			o prod.)			KB, RT, GB,	ETC.) • 19.	ELEV. CABINGHEAD
28. FRODUCTION METHOD (Flowing, pas lift, pamping—size and type of pump)  12. FRODUCTION METHOD (Flowing, pas lift, pamping—size and type of pump)  25. THE FRANCE (FASS) (ASS) (ASS	2						2. IF MI'I			1 23. INTERV		TARY TOOLS	CABLE TOOLS
4820'-4632'  26. Tree lectric and pyrres loos and all logs run prior to re-entry on file w/  CBL (current) The Bureau of Land Management & IIT Division of OGRM  No  CASING RECORD (Report all strings set in set)  13 3/8 48# 210' 300 sx in place  7 23# 5020' 500 sx  28. LINER RECORD  SIEE TOP (ND) BOTTOM (ND) SACKS CEMENT* SCREEN (ND)  31. PERFORMATION RECORD (Interval, size and number)  B sd @ 4820'-4831' C sd @ 4723'-4731' D sd @ 4567'-4572', 4576'-4589', 4614'-4616'  4620'-4632'  PRODUCTION  PRODUCTION METHOD (Floring, pas lift, pumping—size and type of pump) (which string)  10/15/96 NOVE TEATED (NOVE BEEK)  PRODUCTION  PART FIRST FROUGETION PRODUCTION METHOD (Floring, pas lift, pumping—size and type of pump)  AND MATERIAL USBD  14 Day Avg 10/96 N/A TORS FROM OIL—BBL. GAR—MCF. WATER—BBL. Usb-OIL GRAPHER (CORR.)  Sold & Used for Fuel  35. DISTORITION OF ALE (Seld, used for fuel, venied, cto.)  Sold & Used for Fuel  SCHOOL BASE  CBL, in Item #26  36. I bereby-certage and attached information is complete and correct as determined from all available records  Regulatory Compliance  11/8/96	<u> </u>	5020 1	TRYAL (8). 0	4940	! PLETION—TO	P. BOTTOM	. NAME ()	2 MD AND TV	D) • .			·	
13 3/8 48# 210' 300 sx in place  7 23# 5020' 500 sx  29. LINER RECORD 30. TUBING RECORD  SIZE TOP (MB) BOTTOM (MD) BACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) FACKER SET (MD)  31. PERFORATION RECORD (Interval, size and number)  B sd @ 4820'-4831' C sd @ 4723'-4731' D sd @ 4567'-4572', 4576'-4589', 4614'-4616'  4620'-4632'  32. PRODUCTION  DATE FIRST PRODUCTION PRODUCTION METHOD (Flosoing, pas lift, pumping—size and type of pump)  DATE PRODUCTION  DATE OF THE HOURS TESTED CHOES BILES FROD'N, TORN OIL—SEL. GAS—NCF. WATER—BEL. UAS-OIL SATIO  14 Day Avg 10/96 N/A FROD'N TOWN FROD OIL—SEL. GAS—NCF. WATER—BEL. UAS-OIL SATIO  14 Day Avg 10/96 N/A FROD'N TOWN SATION OIL—SEL. GAS—NCF. WATER—BEL. OIL GRAVIST-APT (CORE.)  36. DISPOSITION OF GAS (Solid, used for fuel, venied, cie.)  Sold & Used for Fuel  35. LIST OF ATTACHMENTS  CBL in I tem #26  36. I bereby STIMY that the foregoing and attached information is complete and correct as determined from all available records  Regulatory Compliance  11/8/96	_	4620'-4632 6. TYPE ELECTRIC CBL (curre	AND OTHER	LOGE RUN	All logs Bureau	s run of La	prior nd Mar	to re-	entry	on file T Divisi	w/ on of		WAS WELL CORED
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SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)  31. PERFORATION RECORD (Interval, size and number)  B sd @ 4820'-4831' C sd @ 4723'-4731' D sd @ 4567'-4572', 4576'-4589', 4614'-4616'  A620'-4632'  32. ACID. SHOT. FRACTURE. CEMENT SQUEEZE. ETC.  DEPTH INTERVAL (MD) ANOUNT AND KIND OF MATERIAL USED  DEPTH INTERVAL (MD) ANOUNT AND KIND OF MATERIAL USED  See Back  PRODUCTION  DATE FIRST PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shall-da)  DATE OF THE HOLE STATED CHOKE SIZE PRODY. FOR OIL—BEL. GAR—MCF. WATER—BEL. UAS-OIL RATIO  14 Day Avg 10/96 N/A TEST PRODY  TEST PERIOD  TEST PERIOD  34. DISPOSITION OF GAS (Sold, meed for fuel, venfed, cic.)  Sold & Used for Fuel  35. LIST OF ATTACHMENTS  CBL. In Item #26  36. I bereby STATE that the foregoing and attached information is complete and correct as determined from all available records  Regulatory Compliance	=			TINE	P PECOPD					30	TURIN	G RECORD	<u> </u>
B Sd @ 4820'-4831' C Sd @ 4723'-4731' D Sd @ 4567'-4572', 4576'-4589', 4614'-4616'  33.* PRODUCTION  DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  10/15/96 Pumping — 2½" X 1½" X 12' X 15' RHAC pump  DATE OF THE HOURS TESTED CHOES SIZE PROD'N. FOR OIL—BBL. GAR—NCF. WATER—BBL. GAS—NCF. WATER—BBL. GAS—	<u> </u>		TOP (MI				EMENT*	SCREEN	(MD)				PACKER SET (MD)
B sd @ 4820'-4831' C sd @ 4723'-4731' D sd @ 4567'-4572',4576'-4589',4614'-4616'  33.* PRODUCTION  DATE FIRST PRODUCTION   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   WELL STATUS (Producing or shalf-an)    10/15/96   Pumping - 2½" X 1½" X 12" X 12 X 15 RHAC pump   producing    DATE OF THE PRODUCTION   PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)   WELL STATUS (Producing or shalf-an)    14 Day Avg   10/96   N/A   PRODUCTION   PRODUCING   PRODUCING   PRODUCING   PRODUCING    14 Day Avg   10/96   N/A   PRODUCING   AND   AND WATER—SBL.   UAB-OIL RATIO    36. DISPOSITION OF GAS (Sold, used for fuel, venied, etc.)   CALCULATED   24-HOUR RATE    Sold & Used for Fuel   35. List of attachments    CBL in Item #26   CALCULATED   CALCULATED   CALCULATED    CBL in Item #26   CALCULATED   CALCULATED   CALCULATED   CALCULATED    CBL in Item #26   CALCULATED   CALCULA	• -										-		
C sd @ 4723'-4731'  D sd @ 4567'-4572', 4576'-4589', 4614'-4616'  ### ACCO'-4632'    See Back			· ·	rval, sise an	d number)	! 	<b>.</b>						
DATE FIRST PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  10/15/96  Pumping — 2½" X 1½" X 12" X 15" RHAC pump  DATE OF THET  HOURS TESTED  CHOKE SIZE  PROD'N. FOR TEST PERIOD  14 Day Avg  10/96  N/A  FLOW. TUBING PRESSURE  CALCULATED 24-HOUR RATE  CALCULATED 24-HOUR RATE  CALCULATED 24-HOUR RATE  CALCULATED 35. LIST OF ATTACHMENTS  CBL in Item #26  36. I hereby certafy that the foregoing and attached information is complete and correct as determined from all available records  Regulatory Compliance  11/8/96	C sd	@ 4723'-4 @ 4567'-4	731 <b>'</b> 572 <b>',</b> 45	76 <b>'-</b> 458'	9',4614'	-4616	•						
DATE FIRST PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)  10/15/96  Pumping — 2½" X 1½" X 12" X 15" RHAC pump  DATE OF THET  HOURS TESTED  CHOKE SIZE  PROD'N. FOR TEST PERIOD  14 Day Avg  10/96  N/A  FLOW. TUBING FREEL.  CASING PRESSURE  CALCULATED 24-HOUR RATE  34. DISPOSITION OF GAS (Sold, used for fuel, venied, etc.)  Sold & Used for Fuel  35. LIST OF ATTACHMENTS  CBL in Item #26  36. I hereby certary that the foregoing and attached information is complete and correct as determined from all available records  Regulatory Compliance  11/8/96	33	L.•		<del></del>			PROI	UCTION					
DATE OF TEST HOURS TESTED CHOES SIZE PROD'N. FOR TEST PERIOD 14 Day Avg 10/96 N/A TEST PERIOD 44 33 5 .8  FLOW. TURING FREEL. CASING PRESSURE CALCULATED 24-HOUR RATE 24-HOUR RATE 24-HOUR RATE COL. Sold & Used for Fuel 35. List of attachments  CBL in Item #26  36. I hereby certafy that the foregoing and attached information is complete and correct as determined from all available records Regulatory Compliance  11/8/96	DA	TE FIRST PRODUC	TION	f	· ·	• • •	as lift, po	emping—ei		•	<del> </del>		_
14 Day Avg 10/96 N/A 44 33 5 8  FLOW. TUBING FREEDURE CALCULATED OII.—BBL. GAS—MCF. WATER—HBL. OIL GRAVITY-API (CORE.)  34. DISPOSITION OF GAS (Sold, used for fuel, venied, etc.)  Sold & Used for Fuel  35. LIST OF ATTACHMENTS  CBL. in Item #26  36. I hereby certafy that the foregoing and attached information is complete and correct as determined from all available records  Regulatory Compliance			HOURS T						T. 100		WAT	ER—BBL.	
36. DISPOSITION OF GAS (Sold, need for fuel, vented, etc.)  Sold & Used for Fuel  35. LIST OF ATTACHMENTS  CBL, in Item #26  36. I hereby certafy that the foregoing and attached information is complete and correct as determined from all available records  Regulatory Compliance				RESSURE	CALCULATED	011	<del></del>		MCF.		TERHBL.	5	
Sold & Used for Fuel  35. LIST OF ATTACHMENTS  CBL in Item #26  36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  Regulatory Compliance	-		and (Sald a				·		·		l Trat	WITNESSED	
CBL in Item #26 36. I hereby certafy that the foregoing and attached information is complete and correct as determined from all available records  Regulatory Compliance	S	old & Used	for Fu		ven•68, 616.)						1.201		
Regulatory Compliance	C	BL in Item	#26										
	36	81GNED	that the	$\langle \lambda \rangle$				Regulat	tory (	determined for Complian	rom all avi		

\*(See Instructions and Spaces for Additional Data on Reverse Side)

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	GEOLOGIC MARKERS	TOP	MEAS, DEPTH								
	38. GEOLO		NAME								
ones of porosity and contents thereof; cored intervals; and all	dril-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	DESCRIPTION, CONTENTS, ETC.	#32.	Perf B sd @ 4820'-4831' Frac w/ 34,000# 20/40 sd in 210 bbls gel	Perf C sd @ 4723'-4731' Screened out w/ 5# sd w/ 10,600# 20/40 sd in frmtn w/ 164 bbls gel	Perf D sd 4567'-4572',4576'-4589' 4614'-4616',4620'-4632' Frac w/ 77,700# 20/40 sd in 402 bbls gel					
ow all important	erval tested, cus	BOTTOM						#. /u	••		
OUS ZONES: (Sh	cluding depth int	TOP	NA	4128° 4388° 4422° 4530°	4735' 4875' 5422' NDE						
37. SUMMARY OF PORC	recoveries):	FORMATION	Garden Gulch Mkr	Foint 3 MKr X Mkr Y Mkr Douglas Ck Mkr	Bicarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate				•		

FORM 10

#### STATE OF UTAH DIVISION OF OIL, GAS AND MINING

_			
Page	19	of	33

#### MONTHLY OIL AND GAS PRODUCTION REPORT

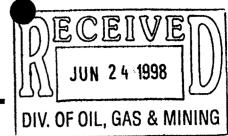
							   Utah A	ccount No: N5160	
INLAND PRODUCTION	COMPA	NY							
P.O. BOX 1446							Report	Period (Month/Year	(1) 04/98
ROOSEVELT UT 84066							1		
							   Amende	d Report     (H:	ighlight Change
Well Name				Producing	Well	Days		Production Volume	
API Number Entity		Lo	cation	Zone	Status	Oper	OIL (BBL)	GAS (MSCF)	WATER (BBL)
11-22 MONUMENT FEDERAL				1			(		
4301331647 11986	22	98	16E	GRRV	POW	30	111	81.0	0
31-5 MONUMENT FEDERAL					1			1	
4301331680 11987	5	98	17E	GRRV	POW	31 7º	0	53	0
6-20 BOUNDARY FEDERAL				1					
4301331626 11991	20	88	17E	GRRV	POW	1 7 1	29	195	282
10-24R ASHLEY FEDERAL						<u> </u>			
4301315781 11992	24	98	15E	GRRV	POW	30	196	330	0
12-24R ASHLEY FEDERAL						1 1			
4301315782 11993	24	98	15E	GRRV	POW	30	144	923	0
24-17 MONUMENT FEDERAL					ISOW	1 1		(	
4301331682 11994	17	98	16E	GRRV		0 1	0	0	0
10-2 MONUMENT BUTTE STATE								1	
4301331565 12013	2	98	16E	GRRV	POW	30	566	849	0
23-7 MONUMENT FEDERAL					1	1		1	
4301331694 12019	7	9S	16E	GRRV	POW	30	443	859	0
33-22 MONUMENT FEDERAL				1	Ì	1		1	
4301331588 12024	22	88	17E	GRRV	POW	15	106	195	0
7-21 BOUNDARY FEDERAL						1		1	
4301331640 12025	21	88	17E	GRRV	POW	30	234	1630	40
4-341 MONUMENT BUTTE FEDERAL						1		1	
4301331669 12027	34	88	16E	GRRV	POW	2.8	143	2332	0
23-22Y MONUMENT FEDERAL				1		1		1	
4301331702 12031	22	88	17E_	GRRV	POW	12	43	156	0
41-6Y MONUMENT FEDERAL						1			
4301331718 12043	6	98	16E	GRRV	POW	30	153	1183	55
						TOTAL	2168	9515	377
Comments:						TOTAL	2168	9515	37'

I hereby certify that this report is true and complete to the

(6/93)

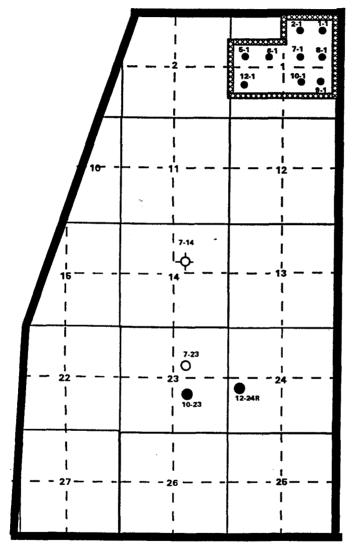
phone: (435) - 722 - 5103

DIV. OF OIL, GAS & MINING



# ASHLEY UNIT DIV. OF OIL, GAS & MINING Duchesne County, Utah

EFFECTIVE: DECEMBER 22, 1994



95

15E

UNIT OUTLINE (UTU73520X)

**GREEN RIVER PA "A"** 

00000

8,277.43 ACRES

GRRV PA "A" ALLOCATION

FEDERAL 100%

400.12 Acres

FORM 3160-5 (June 1990)

## UNITED STATES BUREAU OF LAND MANAGEMENT

4	FORM APPE
	Budget Bures

Expires:	March 31, 1993
7 7	10

					_
Lease	Desi	gnation	and	Serial	No

Water Shut-Off

Dispose Water

Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

SUNDRY	NOTICES	AND RE	PORTS	ON W	VELLS
--------	---------	--------	-------	------	-------

SUNDKI NUTICES AN	D REPORTS ON WELLS	U-02458			
Do not use this form for proposals to drill or to de Use "APPLICATION F	epen or reentry a different reservoir. OR PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name  NA			
	TRIPLICATE	7. If Unit or CA, Agreement Designation ASHLEY (GR RVR)			
1. Type of Well  Oil Well  Gas Well  Other		8. Well Name and No.  CASTLE PEAK UNIT #1  9. API Well No.			
2. Name of Operator INLAND PRODUCTION COMPANY		43-013-15781			
3. Address and Telephone No.		10. Field and Pool, or Exploratory Area  CASTLE PEAK			
475 17TH STREET, SUITE 1500, DENVE	R, COLORADO 80202 (303) 292-0900	11. County or Parish, State			
	n 24, T09S R15E	DUCHESNE COUNTY, UTAH			
	TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF	ACTION			
Notice of Intent  X Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing			

Casing Repair

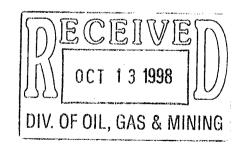
Altering Casing

Site Security

Other

Attached please find the site security diagram for the above referenced well.

Final Abandonment Notice



14. I hereby certify that the foregoing is true and correct Signed	night Title	Manager, Regulatory Compliance	Date	10/7/98
(This space for Federal or State office use) Approved by	Title		Data	
Conditions of approval, if any:  CC: UTAH DOGM	I ttle		Date	

<sup>13.</sup> Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

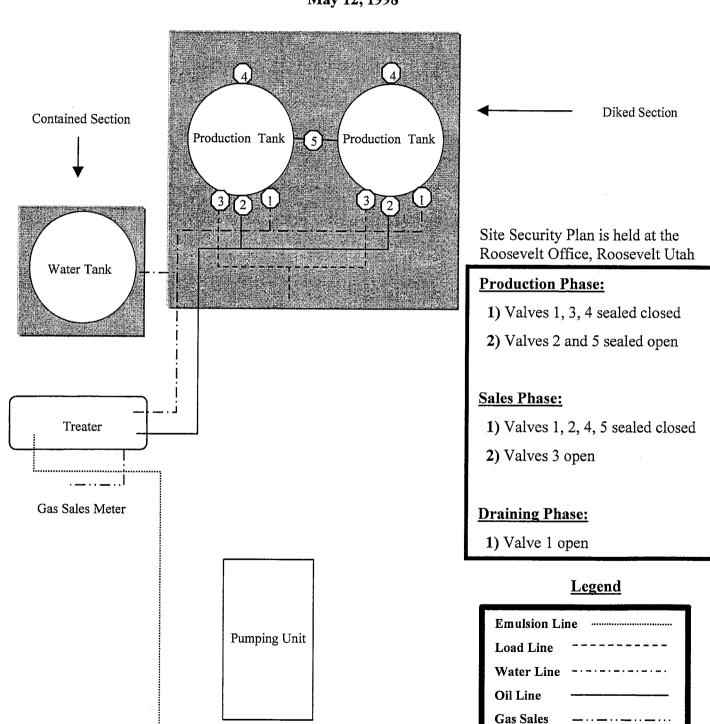
## Inland Production Company Site Facility Diagram

Ashley 10-24R

NW/SE Sec. 24, T9S, 15E

Duchesne County

May 12, 1998



Well Head



## **United States Department of the Interior**



# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-924)

September 16, 2004

Memorandum

To:

Vernal Field Office

From:

Acting Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Milas Llouters

Michael Coulthard Acting Chief, Branch of Fluid Minerals

#### Enclosure

1. State of Texas Certificate of Registration

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225 State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson Joe Incardine

Connie Seare

11.50

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	
	17424	63073O	74806	76956	
	18048	64917	74807	77233	
UTU-	18399	64379	74808	77234	
	19267	64380	74389	77235	
02458	26026A	64381	74390	77337	
03563	30096	64805	74391	77338	
03563A	30103	64806	74392	77339	
04493	31260	64917	74393	77357	
05843	33992	65207	74398	77359	
07978	34173	65210	74399	77365	
09803	34346	65635	74400	77369	
017439B	36442	65967	74404	77370	
017985	36846	65969	74405	77546	
017991	38411	65970	74406	77553·	
017992	38428	66184	74411	77554	
018073	38429	66185	74805	78022	
019222	38431	66191	74806	79013·	
020252	39713	67168	74826	79014	
020252A	39714	67170	74827	79015	
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832 <sup>-</sup>	
027345	44210	68105	74872	79833 <sup>,</sup>	
034217A	44426	68548	74970	. 79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234	•	
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241	•	
15392	58546	73807	76560		
			•		

63073X 63098A 68528A 72086A 72613A 73520X 74477X 75023X 76189X 76331X 76788X 77098X 77107X 77236X 77376X 78560X 79485X 79641X 80207X 81307X





## Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.





Secretary of State

# ARTICLES OF AMENDMENT TO THE ARTICLES OF INCORPORATION OF INLAND PRODUCTION COMPANY

In the Office of the Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

#### ARTICLE 1 - Name

The name of the corporation is Inland Production Company.

#### ARTICLE 2 - Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE - The name of the corporation is Newfield Production Company."

ARTICLE 3 - Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs, Treasurer

#### Division of Oil, Gas and Mining

## **OPERATOR CHANGE WORKSHEET**

1. GLH 2. CDW 3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

## X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:	9/1/2004
FROM: (Old Operator):	TO: ( New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721
CA No.	Unit:

WELL(S) NAME	SEC	TWN	DNC	API NO	ENTITY	LEACE	WELL	WELL
NAML	SEC	1 4414	KING	ATT NO	NO	TYPE	TYPE	STATUS
ALLEN TRUST 7-24	24	040S	020W	4301330888	4970		ow	P
WELLS DRAW ST 7-36	36	080S	150E	4301330934	9730	State	GW	P
JENSEN 1	21	080S	160E	4301316208	10521	Federal	NA	PA
PLEASANT VALLEY 1	21	080S	160E	4301330394	10520	Federal	OW	P
LAMBERT FED 1	22	080S	160E	4301316207	10522	Federal	OW	P
MONUMENT BUTTE ST 16-36R	36	080S	160E	4301310159	11804	State	OW	P
ASHLEY FED 10-24R	24	090S	150E	4301315781	11992	Federal	OW	P
ASHLEY FED 12-24R	24	090S	150E	4301315782	11993	Federal	OW	P
CASTLE PK ST 43-16	16	090S	160E	4301330594	1181	State	OW	P
FEDERAL 9-23	23	090S	160E	4301330654	2655	Federal	ow	P
FEDERAL 7-23	23	090S	160E	4301330662	10629	Federal	ow	S
CASTLE PEAK FED 6-23	23	090S	160E	4301330873	9700	Federal	ow	P
CASTLE PK FED 12-24	24	090S	160E	4301330588	2650	Federal	ow	S
MONUMENT BUTTE 1-3	03	090S	170E	4301330642	12391	Federal	ow	P
MONUMENT BUTTE 2-3	03	090S	170E	4301330810	12391	Federal	OW	P
CASTLE DRAW 16-10-9-17	10	090S	170E	4301316218	8120	Federal	OW	S
FEDERAL 15-1-B	15	090S	170E	4301331023	10201	Federal	OW	S
FRED MORRIS FED 19-1	19	090S	170E	4301330587	451	Federal	OW	S
GOVERNMENT FOWLER 20-1	20	090S	170E	4301330563	9555	Federal	ow	P
FED 41-30	30	090S	170E	4301330601	6095	Federal	ow	P

## **OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

(R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 9/15/2004
 (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 9/15/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 2/23/2005

4. Is the new operator registered in the State of Utah:

YES Business Number:

755627-0143

5. If NO, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE
6b. Inspections of LA PA state/fee well sites complete on:	waived
7. Federal and Indian Lease Wells: The BLM and or t	the BIA has approved the merger, name change.
or operator change for all wells listed on Federal or Indian lea	
O Edwal - Jr. E. Tr. L.	
8. Federal and Indian Units:  The BLM or BIA has approved the successor of unit operators.	or for wells listed on:
approved and outcomes of anni operation	
9. Federal and Indian Communization Agreement	
The BLM or BIA has approved the operator for all wells list	ted within a CA on:
10. Underground Injection Control ("UIC") The	Division has approved UIC Form 5, Transfer of Authority to
Inject, for the enhanced/secondary recovery unit/project for the	he water disposal well(s) listed on: 2/23/2005
DATA ENTRY:	
1. Changes entered in the Oil and Gas Database on:	2/28/2005
2. Changes have been entered on the Monthly Operator Chang	ge Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on:	2/28/2005
4. Fee/State wells attached to bond in RBDMS on:	2/28/2005
5. Injection Projects to new operator in RBDMS on:	2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New of	on: waived
FEDERAL WELL(S) BOND VERIFICATION:	
1. Federal well(s) covered by Bond Number:	UT 0056
INDIAN WELL(S) BOND VERIFICATION:	
1. Indian well(s) covered by Bond Number:	61BSBDH2912
THE A OF A THE WIFE I (O) DONE WEDNING A TROOP	
FEE & STATE WELL(S) BOND VERIFICATION: 1. (R649-3-1) The NEW operator of any fee well(s) listed covered.	
1. (R049-3-1) The IVE W operator of any fee wen(s) issue covere	or by Bond Number
2. The FORMER operator has requested a release of liability from	m their bond on:n/a*
The Division sent response by letter on:	n/a
LEASE INTEREST OWNER NOTIFICATION:	Annual Programme Control Contr
3. (R649-2-10) The <b>FORMER</b> operator of the fee wells has been	· ·
of their responsibility to notify all interest owners of this chang	ge on: n/a
COMMENTS:	
*Bond rider changed operator name from Inland Production Comp	any to Newfield Production Company - received 2/23/05

INLAND

4356463031

12:58

07/14/2005

STATE OF UTAH DIVISION OF OIL GAS AND MINING DIV. OF OIL, GAS & MINING

ADDRESS: RT. 3 BOX 3630

OPERATOR: NEWFIELD PRODUCTION COMPANY

MYTON, UT 84052

OPERATOR ACCT. NO.

N2695

**ENTITY ACTION FORM -FORM 6** 

									_		
ACTION	CURRENT ENTITY NO.	NEW!	APINUMBER	WELLNAME			WELL I	LOCATION		SPJD	EFFECTIVE
·ALE	EK HIT KG,	EMITYNO.			QQ	sc	TP	₹G	COUNTY	DATE	DATE
С	14609	12419	43-013-32483	Ashley Federal 3-24-9-15	NEWW	24	98	15E	Duchesne		4/1/2005
AETT . OX	DIMENTS:	GRRU								<u> </u>	
		GAN									7/15/05
ACTON	CURRENT	NEW!	API NUMBER	WELL HAME	Т		Eli Idea				
CODE	ENTITY RO.	ENTITY NO.		4 min 1 11 A(400	90	sc v	VELL LOCAT	RG		SPUD	EFFECTIVE
		] [			<del> </del>			- NO	YTALCO	DATE	DATE
C	14598	12419	43-013-32484	Ashley Federal 5-24-9-15	SWINW	24	98	15E	Duchesne		4/1/2005
VELL 2 CC	XX-KIENTS.	SRRV									. / /
	(	31900									1/15/05
CODE	CURRENT	NEW	APINUMBER	MELL MANE			WELL	OCATION		SPUD	
LOUE	EKTITY RO.	EKTITY RO.			ар	85	47	RG	COUNTY	DATE	EFFECTIVE DATE
С	14608	12419	43-013-32485	Ashley Federal 7-24-9-15	SWINE	24	98	15E	Duchesne		
WELL 3 CO	MUMENTS:	0 001			1		, 00	146	Ducitesite		4/1/2005
	•	GRRV									7/15/05
ACT ON	CURRENT	NEW.	AP NUMBER								•
			VLI IngribEld	WELL KAME	ļ		WETTT	VCITAGO		SPUD	EFFECTIVE
					1			<del>  </del>			DATE
с <u> </u>	11992	12419	43-013-15781	Ashley Federal 10-24R-9-15	NW/SW	24	98	15E	Duchesne		4/1/2005
WELL 4 CO	MMENTS /	SKRV									WILLOWS
		JAN									7/15/05
VCITCA	CURRENT	NEW:	API NUMEER	WELL NAME	T -		WELL LO	CATION			
DE	EKTITY RO.	EKTITY NO.			QQ	9C	TF	RG	COUNTY	CIPE	EFFECTIVE DATE
С	11993	12419	43-013-15782	Ashley Federal 12-24R-9-15	NWISW	24	95	15E	Duchesne		
METT & CO	MMENTS:	DOIL							-MONETIC.		4/1/2005
	او	SPRV							,		7/15/05

ACTION CODES (See instructions on teck of fore)

- A. Esiatish new entry for new well (single well only)
- 5. Addisewwell to existing entity (group or unit wall
- C Ke-assign well from one existing entity to another existing entity
- D. Re-ass gravel from one existing entry to a new entry
- E. Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/59)

Kebbie S. Jones

Production Clerk

July 14, 2005

Sundry Number: 33653 API Well Number: 43013157810000

	STATE OF UTAH		FORM 9	
I	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458	
SUNDR	Y NOTICES AND REPORTS ON	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	posals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: ASHLEY FED 10-24R	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		<b>9. API NUMBER:</b> 43013157810000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FSL 1945 FEL			COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: 2	IIP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 15.0E Meridian:	S	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDICATE N	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
The subject well he injection well on 1 State of Utah DOG above listed well. Opsig and charted for injecting during the	CHANGE TO PREVIOUS PLANS  ✓ CHANGE WELL STATUS  □ DEEPEN  □ OPERATOR CHANGE □ PRODUCTION START OR RESUME □ REPERFORATE CURRENT FORMATION □ TUBING REPAIR □ WATER SHUTOFF	lucing oil well to an ris Jensen with the le initial MIT on the ressured up to 1390 ass. The well was not s 0 psig during the	Accepted by the Utah Division of Oil, Gas and Mining Date: February 12, 2013	
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	TITLE Water Services Technician		
SIGNATURE N/A		DATE 1/7/2013		

Sundry Number: 33653 API Well Number: 43013157810000

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	Date 12 1 20 1 12	Time 11:00 ampm
Test Conducted by: Michael Jensen Others Present:		
Well: Ashly Federal 10-24R-9-15	Field: Great	ie Monument Butte
Well Location: Ashley 10-24R-9-15	API No: 43-6	

<u>Time</u>	Casing Pressure	
0 min	1390	_ psig
5	1390	_ psig
10	1390	_ psig
15	1390	_ psig
20	1390	_ psig
25	1390	_ psig
30 min	1390	_ psig
35		_ psig
40		_ psig
45		_ psig
50		_ psig
55		_ psig
60 min		_ psig
Tubing pressure:	0	_ psig
Result:	Pass	Fail

Signature of Witness:			
Signature of Per	son Conducting Test:	Muline	1/2

Sundry Number: 33653 API Well Number: 43013157810000 =MIDNIGHT WH9 CHART NO. MC M-2500-24HR - DISC NO. CHARTPUTNO TIME LICO AM DATE 12:20-12 TAKEN OFF LOCATION ASAK FEDERAL 10 24R-9-18
REMARKS APT # 1/3 0/3 15/80 TIME 11:30 AM DATE 12-20-12 NOON

10

11

Sundry Number: 33653 API Well Number: 43013157810000

Summary Rig Activity

Page 1 of 2

# **Daily Activity Report**

Format For Sundry
ASHLEY 10-24R-9-15
10/1/2012 To 2/28/2013

12/12/2012 Day: 1

Conversion

WWS#9 on 12/12/2012 - MIRU, pump 60 BW down CSG, unseat pump - Crew Travel & safety meeting, RDMO 16-23-8-17, road over to the 10-24R-9-15 rig up pump 60 bbls down CSG @250\*f PU on rod unset pump flush TBG W/ 35 BBLS reset pump fill TBG W/8 BBLs test to 3000psi good, wait for rod trailer from 12;00 -1:50, start saying down rods 110 3/4 4 per flush W/30 BBls cant LD rods 5-3/4 4pers 50-3/4 slick, 20-3/4 4 pers. - Crew Travel & safety meeting, RDMO 16-23-8-17, road over to the 10-24R-9-15 rig up pump 60 bbls down CSG @250\*f PU on rod unset pump flush TBG W/ 35 BBLS reset pump fill TBG W/8 BBLs test to 3000psi good, wait for rod trailer from 12;00 -1:50, start saying down rods 110 3/4 4 per flush W/30 BBls cant LD rods 5-3/4 4pers 50-3/4 slick, 20-3/4 4 pers. **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$16,995

# 12/13/2012 Day: 2

Conversion

WWS#9 on 12/13/2012 - TOH breaking and doping collars, psi tes - ND WH, pu on tbg, release TAC, NU bops, rd foor, flush tbg w/40bbls. TOOH breaking and doping every pin. Trickled 20bbls down while pulling pipe. 120 jts out flush tbg w/40bbls. TOOH 26jts LD 10 extra jts onto trailer. RIH w/ 2-3/8 XN nipple, 1-4'x 2-3/8 tbg sub, crossover, 1-7' packer, onoff tool, psn, 146 jts 2-7/8 j-55 tbg. Pump 10bbls drop SV. Fill w/ 12bbls pressure up to 3000psi. - ND WH, pu on tbg, release TAC, NU bops, rd foor, flush tbg w/40bbls. TOOH breaking and doping every pin. Trickled 20bbls down while pulling pipe. 120 jts out flush tbg w/40bbls. TOOH 26jts LD 10 extra jts onto trailer. RIH w/ 2-3/8 XN nipple, 1-4'x 2-3/8 tbg sub, crossover, 1-7' packer, on-off tool, psn, 146 jts 2-7/8 j-55 tbg. Pump 10bbls drop SV. Fill w/ 12bbls pressure up to 3000psi. **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$24,050

## 12/14/2012 Day: 3

Conversion

WWS#9 on 12/14/2012 - CHK TBG PRESS good test ND BOPS PUMP PKR fluid set PKR no test TOOH w/50 JTS good test hole between 3964 & 4000 - CK TBG psi 2900 lost 100 psi over night bump back up to 3000psi watch for 30 minutes good, RIH W/sand line retreave SV POOH, RO floor ND INJ pump 60 BBLS PKR fluid PU set PKR @ 4519 to CE W 15000 tension NU INJ tree Fill CGS W/ 5BBLS pressure up to 1500psi lost 800 in 5 minutespressure back up couple more times no change ND W/ 60 1 jt set packer @4488' pressure up to 1500 lost 800psi in 5 minutes NU BOP RD floor TOOH w/ TBG & PKR 50 JTS set PKr test CSG PKR 2988, 1500psi good RIH W/ 24 JTS Set a 3819 test CSG good TIH set PKR 2 4100' test pull up to 3943' good RIH set PKR @4006 no good SWI - CK TBG psi 2900 lost 100 psi over night bump back up to 3000psi watch for 30 minutes good, RIH W/sand line retreave SV POOH, RO floor ND INJ pump 60 BBLS PKR fluid PU set PKR @ 4519 to CE W 15000 tension NU INJ tree Fill CGS W/ 5BBLS pressure up to 1500psi lost 800 in 5 minutespressure back up couple more times no change ND W/ 60 1 jt set packer @4488' pressure up to 1500 lost 800psi in 5 minutes NU BOP RD floor TOOH w/ TBG & PKR 50 JTS set PKr test CSG PKR 2988, 1500psi good RIH W/ 24 JTS Set a 3819 test CSG good TIH set PKR 2 4100' test pull up to 3943' good RIH set PKR @4006 no good SWI Finalized

Daily Cost: \$0

Sundry Number: 33653 API Well Number: 43013157810000
Summary Rig Activity
Page 2 of 2

Cumulative Cost: \$30,525

### 12/17/2012 Day: 4

Conversion

WWS#9 on 12/17/2012 - set pkr, found leak wait for weatherford - Flush tbg w 35bbls @250 degrees. Set pkr @3964 no test. Move up to 3943 test good, csg leak in between 3943' - 3964 pkr wont set. TOOH ld PKR assembly SWIFN. Waiting on weatherford straddle assembly. - Flush tbg w 35bbls @250 degrees. Set pkr @3964 no test. Move up to 3943 test good, csg leak in between 3943' - 3964 pkr wont set. TOOH ld PKR assembly SWIFN. Waiting on weatherford straddle assembly. **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$34,760

### 12/19/2012 Day: 5

Conversion

WWS#9 on 12/19/2012 - psi test tubing, nd bops - Check pressure, lost pressure, back up to 3000psi. Watch for 30 minutes, still losing pressure.Bleed off and retorque subs, pressure up still losing psi. RIH retireve SV pooh pump 10bbls drop new SV fill up, psi watch for 30 min, good test. Retrieve sv pooh, pump 100bbls pkr fluid. Nipple down bops pkr set @3922. NU inj tree, psi test to 1500. - Check pressure, lost pressure, back up to 3000psi. Watch for 30 minutes, still losing pressure.Bleed off and retorque subs, pressure up still losing psi. RIH retireve SV pooh pump 10bbls drop new SV fill up, psi watch for 30 min, good test. Retrieve sv pooh, pump 100bbls pkr fluid. Nipple down bops pkr set @3922. NU inj tree, psi test to 1500. **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$41,595

### 12/28/2012 Day: 6

Conversion

Rigless on 12/28/2012 - Conduct initial MIT - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized** 

Daily Cost: \$0

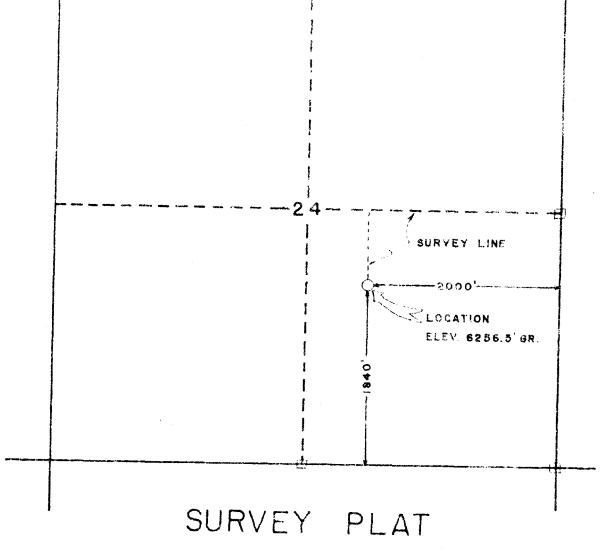
Cumulative Cost: \$130,429

**Pertinent Files: Go to File List** 

Sundry Number: 34383 API Well Number: 43013157810000

	STATE OF UTAH			FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING				5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458
SUNDRY NOTICES AND REPORTS ON WELLS				6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: ASHLEY FED 10-24R	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			<b>9. API NUMBER:</b> 43013157810000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4829		IE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FSL 1945 FEL				COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: 2	HIP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 15.0E Merio	idian: S	3	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICA	ATE NA	TURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION			TYPE OF ACTION	
	ACIDIZE	☐ AL	TER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	Сн	IANGE TUBING	CHANGE WELL NAME
Approximate date work will start:	✓ CHANGE WELL STATUS	□ со	DMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	☐ FR	ACTURE TREAT	NEW CONSTRUCTION
2/1/2013	OPERATOR CHANGE	PI	UG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME		CLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:				
	REPERFORATE CURRENT FORMATION		DETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	L TUBING REPAIR	□ VE	NT OR FLARE	☐ WATER DISPOSAL
Report Date:	WATER SHUTOFF	∟ sı	TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	ОТ	HER	OTHER:
	COMPLETED OPERATIONS. Clearly show			lepths, volumes, etc.
The above refe	erence well was put on injec	ction	at 9:30 AM on	Accepted by the
	02/01/2013.			Utah Division of Oil, Gas and Mining
				Date: February 25, 2013
				By: Daggill
NAME (PLEASE PRINT)	PHONE NUMB		TITLE	
Lucy Chavez-Naupoto	435 646-4874		Water Services Technician	
SIGNATURE N/A			<b>DATE</b> 2/4/2013	

HEL WINGS CHANGE	44.1 × 5	
BLE NOTATIONS	Checked by Chief	PAB
Extends On 5 & Short	Copy NID to Field Office	
Location Map Planed	Approval Letter	
Cind Industrial	Disapproval Letter	**************************************
1 W R for State of Fee Land	A through the second se	
COMPLETION DATA:		
Dune Well Completed 11-20-12	Location Inspected	ganga 1939 bilaniani orionea
OW WW 74 minus	Bond released	
EW 35 34	State of Fee Land	<u> Bahanakakadan</u> an menancaa
Bay 100/1-27-62 1888 FI	LEB	-
11 251 No. 1 2		
	R GR. N.	1616
Lat Mi-I Sonic Sonic	Others	-



O F

WELL SITE

CASTLE PEAK UNIT NO.1

NW SE SEC-24, T95, R15E DUCHESNE COUNTY, UTAH

SURVEY BY: W.D. QUIGLEY

JUNE

1962

SCALE: | INCH: 1000FT.



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# (SUBMIT IN TRIPLICATE) UNITED STATES **DEPARTMENT OF THE INTERIOR**

Budget Bureau No. 42-R358.

U-02458

Cartle Peak

# SUNDRY NOTICES AND REPORTS ON WELLS

**GEOLOGICAL SURVEY** 

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF.
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

	September 4			, 19
Well No is located	1840 ft. from	$\begin{cases} N \\ S \end{cases} \text{ line and } $	ft. from	line of sec.
NV 95 24	98 1	• •	Lake	
(1/4 Sec. and Sec. No.)	(Twp.) (1		Ieridian) <b>Ubah</b>	
(Field)	(County or	Subdivision)	(State or	Territory)
The elevation of the derrick fla	oor ahove sea lev	el is 6268 ft K.	<b>D.</b>	

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Estimated Formation Tope: Hintsh Green River Ret. T. D. 8500

Casing Programs 13-3/8" 45# casing set @ 200' Community to eleculate 51" 14-15.56 casing set through all potential producing gones.

To test potential producing horizons in the GreenRiver and Wasatch Formations.

Company	The Shamrock Oil and Gas Corporation	
	870 First Security Building	
		By Lalph Chonum  Bistrict Geologist

# September 5, 1962

Shawrock Oil and Gas Corporation 870 First Security Building Salt Lake City 11, Utah

Attention: Ralph Thomas, District Geologist

#### Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Castle Peak Unit #1, which is to be located 1840 feet from the south line and 2000 feet from the east line of Section 24, Township 9 South, Range 15 East, SLEM, Duchesne County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

As soon as you have determined that it will be necessary to plug and shandon the shove mentioned well, you are hereby requested to immediately notify the following;

> PAUL W. BURCHELL, Chief Petroleum Engineer Office: DA 8-5771 or DA 8-5772 IN 6-3168 Home: Salt Lake City, Utah

> > Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. PEIGHT EXECUTIVE DIRECTOR

CBF: cp

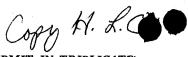
ec: D. F. Russell, Dist. Eng. USGS - Salt Lake City, Utah

> H. L. Coonts - Pet. Eng. OGCC - Moab, Utah

Form 9-331a (Feb. 1951)

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
CEOLOGICAL SUBVEY

Budget Bureau No. 42-R358.4 Form Approved.	٤,

U-02158

Unit Castle Peak

# SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<b></b>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT.	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Supplementary well history Supplementary Toport of Punning	
		surface casing	A

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Lastle Deak		isptember 10	, 19.6
	1840 ft. from. \[ \bigg\{ \frac{1}{N} \} \] line a	and $\underbrace{2000}_{\text{th}}$ ft. from $\left\{\begin{matrix} \mathbf{E} \\ \mathbf{w} \end{matrix}\right\}$ line of s	ec. 24
IN SE 24	98 15 8	Salt Lake	
(1/4 Sec. and Sec. No.)	(Twp.) (Range)	(Meridian)	
Wildest	Duchesne	Utah	
(Field)	(County or Subdivision)	(State or Territory)	

The elevation of the derrick floor above sea level is 6266 ft.

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 213.05 feet of 13-3/8" 48# casing. Set casing at 210". 300 sacks of regular conset with 2% calcium chloride added. circulated.

Spud 9-8-

I understand	that this plan of work must receive approval in writing by	the Geological Survey before opera	itions may be commenced.
Company	The Shanrock Cil and Gas Corpore	tion	
	870 First Security Building		<b>A</b>
	Salt Lake City 11, Utah	By Edwin	B. Shell
		Title Geologist	

CONFIDENTIAL

# **UNITED STATES** DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

LAND OFFICE	Utah	· · · · · · · · · · · · · · · · · · ·
	U-02458	
LEASE NUMBER Cast.	le Peak	

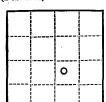
# LESSEE'S MONTHLY REPORT OF OPERATIONS

Agent's	addr	ess _ <b>5</b>	alt	Lake	Security B	urrain tah	8	Co: Siø	mpany <b>rn</b> Ined	almi S	Non	and u	as cor
Phone		3	28-0	165				Ag	ent's title	District	Geolo	gist	
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cv. Fr. (In thou	of Gas sands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	(If drilling,	REMARI depth; if sh result of tes content of	out down, cause; at for gasoline
Sec, 24 IW SE	98	15E	1		Spud 9-8 at 210' DST #1: Had fair FP 32-29 DST #2: No blo formin., contrace of DST #3: Had weak being 50' SIP 1514-DST #4: min. Had fluid, be SIP 189-DST #5: min. Had thruout to C drilling 209. DST #6: Good blo FP 28-26 DST #7: Had weak FP 0, SII DST #8: No ble, the drilling 2095, HP Drilling	/300 3560- blo t SIP 3995- r the t thr wtr. 4570- blo, oil 1128, 4616- fair ing 5 216, H 4716- weak est, ng fl 4815- thruo SIP 5013- blo t 0-0, 5760- ypass mud, 2846-	sx. 3618. hruoud 200-10 4012. first uout 4584. iner 4584. iner 4630. blo, P 2140 4730. blo, Rec 1444-38 5040. hat di HP 23 5810. ed too 12836.	SI, NG 1, H SI; 15; est. 2-54, SI; 000 28-2 SI; decr & 10 28-1 30; FP 4 SI; est. 30; FP 4 SI; est. 30; FP 4 SI; est.	30 min., TS. Rec P 1697-16 BO min., min; weal Rec 15 SIP 1446 BO min., od in 26 drilling lll. BO min., to wk bl drillir O. To good fluid, be 5-74, SIF BO min., fluid, be 2255-22 BO min., 30 min., 30 min., 30 min., 30 min.,	op 90 mi 15' mud, 88 op 90 mi blo inc black c -1189, H Op 120 m min. Re fluid. Op 120 m o at EOT g fluid. Op 120 m blo in 1 ing 115' 1575-14 Op 90 mi eing 5' 52. op 60 mi Rec 2' op 60 mi still n	n., SI no sh n., SI r to i rude of P 1932 in., S c 1201 FP 29 in., S in., S in., S oil & s in., SI oil & n., SI oil an	30 m fair i oil, 2-1929 31 60 151 60 15' 3-19, 31 60 15' 2216 60 m 15' 60 m	din. din. n 30 min. d,  t.  in. mud. in. uid.

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-331 a (Feb. 1951)



# L'infidential

(SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bur	eau No.	42-R358.4.
Form Appro	ved.	

Land Office Utah

Lease No. U-204.58

Unit Castle Peak

# SUNDRY NOTICES AND REPORTS ON WELLS

	October 8
(INDICATE ABOVE BY CHECK MAR	K NATURE OF REPORT, NOTICE, OR OTHER DATA)
Notice of Intention to run interm	
NOTICE OF INTENTION TO ABANDON WELL	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF

	· · · · · · · · · · · · · · · · · · ·	October 8	, 19 <b>62</b>
Well Nois	located 1840 ft. from ${S \brace S}$ line a	and $\frac{2000}{1}$ ft. from $\frac{E}{m}$ line of	f sec. 24
(½ Sec. and Sec. No.)	(Twp.) (Range)	(Meridian)	
Wildest	Dunhama	Teh	
(Field)	(County or Subdivision)	(State or Territory)	
The elevation of the de	rrick floor above sea level is	e ft. K.B.	

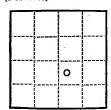
### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Request permission to set 7" easing to approximately 5,000 feet. To cement casing with 500 sacks of regular cement.

I understand that this plan of work must receive approval in writing by th	e Geological Survey before operations may be commenced.
Company The Shaurock 011 and Gas Corporation	<b>X</b>
Address 870 First Security Building	
Salt Lake City 11, Utah	By Calplo home
	Title District Geologist

#### Form 9-331 a (Feb. 1951)



#### (SUBMIT IN TRIPLICATE)

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

- 11 D	**		
Budget Bureau	NO.	42+K358	٠4
12 annu Annuau A	1		
Form Approved			

Land Office

Lease No. U-20458

Unit Castle Pask

# SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<u></u>	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Subsectiont report of running	
		intermediate ocalng	1

			Gotober 9	, 19
Well No.	is located 1860 ft. fr	$rom_{-} \begin{Bmatrix} 1 \\ S \end{Bmatrix} line$	and 2000 ft. from	E line of sec.
MY 835 24	9.8	15 B	Salt Lake	
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
Wildest	Dw	ahaana	Ut	ah
(Field)	(Cou	nty or Subdivision)	(Stat	or Territory)
	derrick floor above sea		(Stat	

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ren 5,023.83 feet of 7" J-55 23# casing. Set casing at 5,020 feet. Communicativity 500 sacks of regular communicativity flag added.

I understand that this plan of work must receive approval in writing	y by the Geological Survey before operations may be commenced.
Company The Shamrock Cil and Gas Corpora	<u>Um</u>
Address 870 First Security Building	
Salt Lake City 11, Utah	By fald Thomas
	Title District Geologist

Form 9-831 a (Feb. 1951)

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Budget Bureau No. 42-R358.

.4.	PART
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Land Office

# UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Unit Castle Peak

# SUNDRY NOTICES AND REPORTS ON WELLS

(INDICATE ABOVE BY CHECK MA	NN NAI	ONE OF REPORT, NOTICE, OR OTHER DATA)	٠
lotice of intention to plug back		URE OF REPORT, NOTICE, OR OTHER DATA)	 
IOTICE OF INTENTION TO ABANDON WELL			 
IOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	 
IOTICE OF INTENTION TO SHOOT OR ACIDIZE	<b></b>	SUBSEQUENT REPORT OF ABANDONMENT	 ļ
IOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	 
IOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	 
IOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	 
IOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	 

			00	tober 30	<u>.                                    </u>		, 19 <b>62</b>
Well No	is located	<b>1840</b> ft.	from $\begin{bmatrix} S \\ S \end{bmatrix}$ lin	e and 2000	ft. from	line of sec	. 24
IN SE 24		9.8	(Range)	Salt	lake		
(1/2 Sec. and Sec. No.)		(Twp.)	(Range)	(Me	eridian)		
Wildest		Dw	iheme	·	Utah	<b>.</b>	
(Field)		(Ĉ	ounty or Subdivision	1)	(State or	Territory)	

The elevation of the derrick floor above sea level is ft. It.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary total depth 8,816 feet. Set 7" caming at 5,020 feet. Request permission to plug back by setting a cast iron bridging plug at 4,960 feet.

I understand	I that this plan of work must receive approval in writing by	the Geological Survey before operations may be commenced.
Company	The Shanrock Oil and Gas Corpore	ktion
Address	870 First Security Building	
	Salt Lake City 11, Utah	By Lourd S. Fowler
	<del></del>	Title Geologiet

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Budget Bureau No. 42-R358.4.

Utah Land Office ....

U-20458 Castle Peak

# (SUBMIT IN TRIPLICATE) **UNITED STATES DEPARTMENT OF THE INTERIOR**

# SUNDRY NOTICES AND REPORTS ON WELLS

**GEOLOGICAL SURVEY** 

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	Subsequent report of plug back I

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

					<u>Ce</u>	tober	31		, 1	962
Well No		is located	<b>1840</b> f	t. from{S}	line and	<b>000</b> fi	t. from	E line of	sec.	24,
M		4	98	15 E		Salt L	•	•		
(⅓ Sec	and Sec. No.	)	(Twp.)	(Range)		(Meridia				
Wild	lant			Duchama			UL.	ab ·		
	(Field)			(County or Subdivi	sion)			or Territory)		
m 1	C -1	1 .10	1 .	11 •	6268 (L	r.n.				

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

#### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cement-ing points, and all other important proposed work)

Rotary total depth 8,816 feet. Set 7" casing at 5,020 feet. Set east iron bridging plug at 4,960 feet.

I understand that this plan of work must receive approval in writing	by the Geological Survey before operations may be commenced.
Company The Shanrock Oil and Gas Corpore	tion
Address 870 First Security Building	
Salt Lake Ofty 11, Utah	By Lionard S. Newler
	Title Geologist
	GPO 914974

PAP

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE	Budget Bureau No. 42-R356.5, Approval expires 12-31-60.
LEASE NUMBER	U-02458
UNIT	.e reak

CONFIDENTIAL

# LESSEE'S MONTHLY REPORT OF OPERATIONS

	State	Ut	ah		<i>C</i>	ounty	Duel	neane		Ti-	ield.	Mil	deat		
	Th	e foli	lowing	is a	corre	ct repor	t of	operat	ions d	and p	rodu	ction (i	ncluding d	lrilling ar	nd producing d Gas Corp,
	Agent's	s addi	ress <b>87</b>	0 F1	rst S	scurity	But	llding		C	omp	any The	Shamrock	c Oil an	d Gas Corp,
			Sa	lt L	ake C:	ity 11,	Uta	<b>xh</b>		S7	ioned	i Ka	laloth	man	
	Phone .			8-01	65					A	gent'	's title -	District	Geologi	st
	SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	Barrels o	of Oil	GRAVITY	Cv. F (In th	T. of Gas lousands)	'  0	ALLONS OF ASOLINE ECOVERED	BARRELS OF WATER (If none, so state)	(If drilling, dent	MARKS th; if shut down, cause; t of test for gasoline ent of gas)
s ec NW	. 24 Se	93	15E	1		Drille Set 7" with 1 Drille	ca: % f:	ing a	t 502 ded.		Lth	500 ax	regular	cement	
						Set br	idge ate	plug 45821	at L	9601	. P		ng to ial crack	jets	
		: :													
	Nort	ռTh	ere wei	·e.		no		_ runs or	sales	of oil:		no		Мен	. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

0

U. S. LAND OFFICE Utah
SERIAL NUMBER U-02458
LEASE OR PERMIT TO PROSPECT Castle Peak

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Rule of al

#### LOCATE WELL CORRECTLY

# LOG OF OIL OR GAS WELL

Locati T	on 1840 he inform	ft. $\left\{\begin{array}{c} N \\ S \end{array}\right\}$ of $\left\{\begin{array}{c} S \\ \end{array}\right\}$ ation given h	Line a	$_{ m nd}$ 2000ft.	$\left\{ \begin{array}{c} E \\ W \end{array} \right\}$ of $\left[ \begin{array}{c} E \\ \end{array} \right]$	Lake Co Line of Sect: ct record of the v	ion 24 vell and a	Eleve	ation 6268 floor relative to sea level lone thereon
			rom all av	vailable rece Sig	ords	durin B			
	11-20-						ologist		
Comm	he summa ienced dri	lling Septer	ge is for t aber 8	the conditio	on of the well 62 Finish	I at above date.	tober 2	4	, 1962
	•	94 75	to _400	(De					
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No. 3,	from 46	± /	- 60		110.0			<i>,</i>	
			]	MPORTAI	NT WATER	R SANDS		e e	
No. 1,	from		_ to	MPORTA!	NT WATER	R SANDS	to	)	
No. 1,	from		_ to	MPORTA	NT WATER	R SANDS , from, , from	to	)	
No. 1, No. 2,	from		_ to	MPORTA	NT WATER No. 3 No. 4	R SANDS , from, , from	to	o'	1 ( )
No. 1, No. 2,	from		to	CASI Amount 213.05	No. 3 No. 4 No. 6	R SANDS , from, from  RD  Cut and pulled from	to te	rated To—	Purpose
No. 1, No. 2,	from Weight per foot		to	CASI Amount 213.051 5023.831	No. 3 No. 4 No. 6	Cut and pulled from	Perform—	rated To-	
No. 1, No. 2,	from Weight per foot	Threads per inch	to	CASI Amount 213.051 5023.831	NO. 3 NO. 4 NO. 6 NO. 7	Cut and pulled from	Perform—	rated To-	Purpose Surface
No. 1, No. 2,	from Weight per foot	Threads per inch	to	CASI Amount 213.051	No. 3 No. 4 NG RECOL	Cut and pulled from  (GONG LEGGY CONTROL OF THE PROPERTY OF T	Perform—	rated To-	Purpose Surface
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No. 1, No. 2, Size casing -3/8 Tytt Size casing	from	Threads per inch  State Control of the Control of t	to to  Make  Mude	CASI Amount 213,051 5023,831	NO. 3 NO. 4 NG RECOI	R SANDS , from , from  Cut and pulled from  (6.35)	Perform— was account to the second se	rated To-	Purpose Sur faces or oduate

Rotary tools	were used from		8816 feet, and from	<b>6</b>	٠.
Cabla toola w	ore used from	foot to	reet, and from	leet to	feet
Cable foots wi	ere used from	4	PATES	feet to	feet
**********			Put to producingNovemb	er 20	1062
The prod	luction for the fi	rst 24 hours was 126	64 barrels of fluid of which		
	-% water; and $-$		Gravity, °Bé. 2]		
			Gallons gasoline per 1,000 cu.		
		. in		it. or gas	
pro	. per sq	1	PLOYEES		
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		FORMAT	ION RECORD		•
FROM-	то	TOTAL FEET	FORMATIO	N	
0 1480 2600 3570 3994 5120 5402 5500 5868 6078	1480 2600 3570 3994 5120 5402 5500 5868 6078 8816	1480 1120 970 424 1126 282 98 368 210 2738	Sd & Sh (Uinta formation Oil Sh Oil sh & chry lime Sd & Sh Oil sands and oil sh Blk sh & oil sh Red & green sh (Wasatch Oil sh & sds Ostracodal limes and san Red & green sh & scat the	Green in Wasatch Tongue) nds gt sds.	•
57 17 28 19 year	in the second	BOOK YOU KUNKAY	JOSE VIANO	METER CONTRACTOR OF THE PROPERTY OF THE	**************************************
	The second of th		VERI CONTROL SULVENIENCE	16	48094-5

# FORMATION RECORD—Continued

X61--1800/4-6

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HISTORY OF OIL OR GAS WELL

5/03/6.5

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

1 Mar Angel No. 1944 March

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spud 9-8-62. Drilled 174" hole to 215!. Set 13-3/8" casing at 210! with 300 sx. OFFINITS BRODE. DST #1: 3560-3618, shut in 30 min., open 90 min., shut in 30 min. Had fair blow thruout, no gas to surface, recovered 15' mud, no shows. Flow Pressures 32-29, shut in pressures 200-161, hydrostatic need 1697-1688. DST #2: 3995-4012. Shut in 30 min., open 90 min., shut in 30 min. No blow for first 15 min., weak blow incr to fair blow in 30 min., continued thruout test. Recovered 15' black crude oil, trace of water. Flow pressures 32-54, shut in pressures 1446-1189, hydrostatic head 1932-1929. DET #3: 4570-84. Shut in 30 min., open 120 min., shut in 60 min. Had weak blo, incr to good blow in 26 min. Rec 120 fluid - 50% oil and 50% OC drilling fluid. Flow pressures 29-48, shut in pressures 1514-1128, hydrostatic head 2128-2111. DST #420 4616-30. Shut in 30 min., open 120 min., shut in 60 min. Had fair blow, decr to weak blow at end of test. Rec. 15' fluid, being 5' oil and 10' drilling fluid. Flow pressures 13-19, shut in pressures 189-216, hydrostatic head 2140-2140. DST #5: 4716-30. Shut in 30 min., open 120 min., shut in 60 min. Had weak blow, incr to good blow in 15 min., continued thruout test. Rec 130 fluid, being 115' oil and 15' OC drilling fluid. Flow pressures 45-74, shut in pressures 1575-1481, hydrostatic head 2216-2209. DST #6: 4815-32, shut in 30 min., open 90 min., shut in 60 min. Good blow thruout, recovered 7' fluid being 5' oil and 2' mud. Flow pressures 28-26, shut in pressures 444-383, hydrostatic head 2255-2252. DST #7: 5013-40. Shut in 30 min., open 60 min., shut in 45 min. Weak somblo and died in 3 min., rec 21 drilling fluid. Flow pressure 0, shut in pressure 0-0, hydrostatic head 2398-2390. DST-#8: 5760-5810. Shut in 30 min., open 60 min., shut in 60 min. No blow, bypassed tool in 30 min., still no blow. Rec 30 drillin, mud, no sho of oil or gas. Flow pressures 16-16, shut in pressures 1820-2095, hydrostatic head 2846-2836. Drilled to 6237. Ran logs. Set 7" casing at 5020 w/500 sx. Ran temperature survey. Top of cement 3525! Drilled 64" hole to total depth of 8816. Ran logs. Set bridge plug at 4960'. Perf. w/radial crack jets (5 shots on single plane) at 4582 and 4726 feet. Ran Lyons straddle pkrs on 32" drill pipe. Broke perfs at 4726 w/500 sal 15% mud acid. Formation broke at 4000#, displaced at 3700#, inj rate 6 bbls per minute. Straddled perfs at 4582. Broke formation down w/500 al 15% mud acid, formation broke at 2700%, displaced at 2700%, inj. rate 7 bbls per minute. Sand fraced perfs at 4582. Fluid used was 75% Rangely crude & 25% #5 Burner oil. Used 50 bbls pre-flush, 10,000 gal oil,

# HISTORY OF OIL OR GAS WELL (continued)

13,300 lbs 20-40 mesh sand and 300 lbs walnut shells. Flushed w/40 bbls of oil. TP 5550#, inj rate 15 bbls per min. Instant SI 2100#, 2 hr SI 2000#. Flowed and swabbed. Pre-flushed at 4726' w/30 bbls. Fraced w/10,000 gal, 7,600# 20-40 mesh sd and 300# walnut shells. Flushed w/40 bbls. TP 4500#, inj rate 10½ bbls per minute. Flowed and swabbed. Perf. at 4002'. Straddled perfs with Lyons pkr. Broke down perf w/300 gal 15% mud acid. Displaced acid at 2100#, inj rate 3 bbls per min. Pre-flushed w/30 bbls oil. Fraced w/10,000 gal oil, 10,000# 20-40 mesh sd and 300# walnut shells. Flushed with 30 bbls oil. FP 4500 to 5000#, inj rate 15 bbls per minute. Flowed and swabbed. Set 2-7/8" tubing at 4745'. Seating nipple at 4729'. Ran pump. Constructed tank battery. Installed pumping unit. Put on pump 11-18-62. COMPLETION REPORT: On 24 hr potential test ending 11-20, well pumped 126.64 barrels oil, no water, gas gg 73 MCF. TP 30#, CP 40#, 12" pump, 10 - 64" strokes per minute. Completion date 11-20-62.

Budget Bureau No. 42-R35	6.5.
Approval expires 12–31–60.	ΩÅ
	$-\Delta HY$

LIP

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE	Utah	Y
LEASE NUMBER	U-02458	
UNIT Cast	le Peak	

# LESSEE'S MONTHLY REPORT OF OPERATIONS

	State	U	tah		C	ounty	ouchear	l <b>é</b>	Field	W1	ldeat			
						-						drilling	and	producing
	wells) f	or th	e mon	th of	No:	vember		, 19. <b>62</b> ,						
	Agent's	addi	. <sub>ess</sub> <u>8</u> 9	70 F	irst S Lake (	Security 1	Buildir Utah	18	Compa	ny The	Shamroo	k 011	and	Gas Corp.
•	Phone .		3	28-0	165				Agent's	title	Distri	ct Geo	logi	st
	SEC. AND	Twp.	RANGE	WELL No.	DAYS PRODUCED	Barrels of Oi	GRAVITY	Cu. Fr. or (In thousan	GA GA	LONS OF SOLINE OVERED	BARRELS OF WATER (If none, so state)	(If drilling date and	REMA, depth; i	f shut down, cause; test for gasoline
	c. 24 SE	93	15E	1		Perf. w/i at 4582 i 3½" drill mud acid 3700#, in at 4582'. acid, for inj. rate 4582'. I Burner of 13,300 li Flushed w bbls per Flowed ar Fraced w walnut si rate 10½ at 4002'. perf w/30 inj rate Fraced w 300# waln 4500 to and swabi nipple at Installed COMPLETIC 11-20, we	and 472 i pipe. Formation i rate From 7 bbl fluid wall 10,000 nells. bbls p 10,000 nut she 5000#, 54729 i pumpi N REPO	Effect.  Broke ation be 6 bbls a formal broke sper m sed was sed 50 bls of o Instant bed. P gal, 7 Flushes arminuddled p l5% mud sper minuddled p	Ran I perfs roke at per mi tion do at 2700 inuts. 75% Rabls pressure at 210 re-flus, 600 flushed e 15 bb 8" tubi pump. 24 hr	yons at 47 4000 nute. wn w/, di Sand ingely flus 5550 0#, a 0-40 cowed th Ly flus complete ls pe the poten poten	straddle 26' w/50 #, displ Strade 500 gal splaced fraced fraced fraced fraced th, 10,00 lbs wal #, inj hr SI 2 t 4726' mesh sd TP 450 and swal ons pkr laced ac hed w/30 0-40 mes 30 bbls r minute 4745' ructed t mp 11-18 tial tes	ple pla pkrs pkrs pers iled pe 15% mu at 270 pers 25% f 2000#. w/30 t and 30 w/30 t and 30 bbls in sd s oil. Seati	on 15% at 15% oil, sells oil, sells oil, at 2100 oil, and FP owed in terms.	
	24.07 ()	† <sub>40</sub> ;			10	gg 73 MCl per minut 1224.67	TP	30#, CP	40#, 1	⊉" pu	mp, ten			

Note.—There were 1 (647.00 barrels) runs or sales of oil; \_\_\_\_\_\_\_ M cu. ft. of gas sold; \_\_\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



PMB

Salt Lake City 14, Utah

# REPORT OF OPERATIONS AND WELL STATUS REPORT

State	Utah	Cou	<sub>inty</sub> Gra	nd		. Field or	Lease	Castle Cre	ek
The	e followi	ng is a co	orrect repor	t of oper	rations and	d producti	on (includ	ding drilling and pr	oducing wells) for
Decer	nber 14	<b>5</b>	•••••	, 1962					
Agent's	address	404 Ex	ecutive P	Building		Comp	any Inte	rmountain Oil &	Gas Co, a partn
•••••		Salt La	ke City,	Utah		Signed	l Log	fung a	Bong of
Phone		DA 2-5	5006			Agent	's title	Listen	Somon
State Le	ase No		Fede	eral Lease	No. 07	89	Indian L	ease No	Fee & Pat. 🗆
Sec. & 1/4 of 1/4	Twp.	Range	Well No.	*Status	Oil Bbls,	Water Bbls.	Gas MCF's	REMA	
								(If drilling, Depth; i Date & Results of W Contents of Gas; and	/ater Shut-Off Test:
We hav	e not r	esumed	drilling	onera ti	ons sinc	e our les	t report	for the followin	
		ĺ		ļ					
	i. Dec	additio	hal geolo	gical in	formatio	n, so w	e emplo	t seemed wise to yed Mr. John C.	Osmond
		consult	ing geolo of this w	gist, Sa	alt Lake	City, U	tah, to d	o this work and	make a report.
	2 Mr		:						
		We the:	refore en	ployed	Mr. Os	mond an	d our at	to at least a dep torney, Mr. Mel	vin Leslie, to
		file a p A copy	roposed proposed prop	lan of forware	Unit Ope led to yo	ration w	ith the	J.S.G.S. at Cas	per, Wyoming.
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a de de la composición dela composición de la composición dela composición de la composición de la composición de la com									
			Magazir (na 1911) Magazir (na 1911)	e de la companya de La companya de la companya de l				e device personal	Styldged of Leaving Commission

NOTE: Report on this form as provided for in Rule C-22. (See back of form.)

FILE IN DUPLICATE

\*STATUS: F-Flowing P-Pumping GL-Gas Lift
SI-Shut In D-Dead
GI-Gas Injection TA-Temp. Aban.
WI-Water Injection



# THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah April 8, 1963

Reply to: Intermountain Exploration District First Security Bldg. Room 870 Salt Lake City 11, Utah

Utah Oil and Gas Conservation Commission 310 Newhouse Building Salt Lake City, Utah

Gentlemen:

Will you please hold confidential the information sent you on our Castle Peak Unit No. 1 Well located in Section 24, Township 9 South, Range 15 East, Duchesne County, Utah.

Very truly yours,

Ralph Thomas

District Geologist

RT:1s

# THE INTERIOR (Other Instructions **GEOLOGICAL SURVEY**

SUBMIT IN TRIPLI

U-02458

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES A	AND	REPORTS	ON	WELLS
------------------	-----	---------	----	-------

(Do not use this form for propos Use "APPLICA	TION FOR PERMIT—" for such proposals.)	
OIL X GAS OTHER		7. UNIT AGREEMENT NAME
NAME OF OPERATOR		8. FARM OR LEASE NAME
Diamond Shamrock Co	orporation	Castle Peak Unit
. ADDRESS OF OPERATOR		9. WELL NO.
Box 631, Amarillo,	Texas 79105	1 <u>1</u>
. LOCATION OF WELL (Report location cl	early and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface		Castle Peak
1840' from south li	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
		Sec. 24, T9S, R15E
4. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	6268 K.B.	Duchesne Utah

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE	n of intention to:	SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	<u>x</u>	WATER SHUT-OFF  FRACTURE TREATMENT SHOOTING OR ACIDIZING  (Other)  (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

# Proposed Plugging Procedure:

Set 250-sack cement plug through tubing, inside 7" casing, from 4,900 to 3,900. Pump 10 sacks cement at surface between 13 3/8" casing and 7" casing. Set 5-sack cement plug in 5 1/2" casing. Install dry hole marker.

APPROVED BY DIVISION OF

18. I hereby certify that the foregoing is true and correct				
SIGNED DE COLUM	TITLE Ass!t Mgr.	Drilling Oper.	DATE	-
(This space for Federal or State office use)				
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE		DATE	

# Form 9-331 May 1963)

# UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPL (Other instructions overse side)

Form approved.
Budget Bureau No. 42-R1424

LEASE DESIGNATION AND SERIAL NO.

	Olf verse side)			38 July 1
GEOLOGICAL SURVEY	<u> </u>	U-024		<u> </u>
SUNDRY NOTICES AND REPORTS O	ON WELLS	6. IF INDIAN,	ALLOTTEE OF	R TRIBE NAM
		:		
(Do not use this form for proposals to drill or to deepen or plug b Use "APPLICATION FOR PERMIT—" for such pr	roposals.)	-		- 1 · 1
		7. UNIT AGREE	MENT NAME	
OIL GAS OTHER				· · · · · · · · · · · · · · · · · · ·
WELL OTHER		8, FARM OR LE	ASE NAME	<del></del>
Diamond Shamrock Corporation		9. WELL NO.	ak Unii	<b>.</b>
ADDRESS OF OPERATOR		3. WELL RO.		
Box 631, Amarillo, Texas 79105		<b>4</b> ;		
LOCATION OF WELL (Report location clearly and in accordance with any See also space 17 below.)	State requirements.	10. FIELD AND	POOL, OR W	ILDCAT
At surface		Castle		
1840' from south line and 2000' from east	· line.	11. SEC., T., R.	M., OR BLK. OR ARDA	. AND
TO A TIOM ROOM TIME OUR WAAA TIOM BORE	LLHEI		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
		Sec. 24,	T98, R	L5E
PERMIT NO.   15. ELEVATIONS (Show whether DF,	, RT, GR, etc.)	12. COUNTY OF	PARISH 1	3. STATE
6268 t KB		Duchesn	۵	Utah
Q2.00 KB		1		<u> </u>
Check Appropriate Box To Indicate N	lature of Notice, Report, or	Other Data	· · · · · · · · · · · · · · · · · · ·	
NOTICE OF INTENTION TO:	SUBSE	QUENT REPORT OF		3 7 3
		<u> </u>	•	
TEST WATER SHUT-OFF PULL OR ALTER CASING	WATER SHUT-OFF	REF	AIRING WEL	L
FRACTURE TREAT MULTIPLE COMPLETE	FRACTURE TREATMENT	ALT	ERING CASIN	VG
SHOOT OR ACIDIZE ABANDON*	SHOOTING OR ACIDIZING	ABÁ	NDONMENT*	X
REPAIR WELL CHANGE PLANS	(Other)	2. 5	<u> </u>	
(Other)	(Note: Report resul	lts of multiple con	pletion on	Well
PARCELLE ADDRESS OF COMPLETED OPERATIONS (Clearly state all partings)	t datails and give pertinent date	es, including estim	ated date o	f starting
proposed work. If well is directionally drilled, give subsurface locat nent to this work.)*	tions and measured and true vert	tical depths for all	markers ar	id zones pe
Hene wo this word,				
		*		
		V 4		
Plugging Procedure				J. Property (1997)
Ran tubing to 4,900' and circulated hole		6 hdl		
		A. AM MIN.		
· · · · · · · · · · · · · · · · · · ·		O 1-7/1 MEGGG		
Spotted 250 sacks cement from 3,900' - 4,	900'.	01-7// MEGGS		•
Spotted 250 sacks cement from 3,900' - 4, Spotted 10 sacks between 7" casing and 13	900'.	J - 7// MIGGS		
Spotted 250 sacks cement from 3,900' - 4, Spotted 10 sacks between 7" casing and 13 Spotted 5 sacks inside 7" casing.	900'.	Je-7// Medica		
Spotted 250 sacks cement from 3,900' - 4, Spotted 10 sacks between 7" casing and 13 Spotted 5 sacks inside 7" casing.	900'.	orth medical		
Spotted 250 sacks cement from 3,900' - 4, Spotted 10 sacks between 7" casing and 13	900'.			
Spotted 250 sacks cement from 3,900' - 4, Spotted 10 sacks between 7" casing and 13 Spotted 5 sacks inside 7" casing. Plugged and abandoned 8-13-71.	900'. 3 3/8" casing.			
Spotted 250 sacks cement from 3,900' - 4, Spotted 10 sacks between 7" casing and 13 Spotted 5 sacks inside 7" casing.	900'. 3 3/8" casing.			
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Spotted 250 sacks cement from 3,900' - 4, Spotted 10 sacks between 7" casing and 13 Spotted 5 sacks inside 7" casing. Plugged and abandoned 8-13-71.	900'. 3 3/8" casing.			

18. I hereby certify that the foregoing is true and correct		
SIGNED LOE ROWLL	TITLE Ass't Mgr. Drilling Oper	. DATE 8-17-71
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

Form 3160-3 (November 1983) (formerly 9-331C)

# UNITED STATES DEPARTMENT OF THE INTERIOR

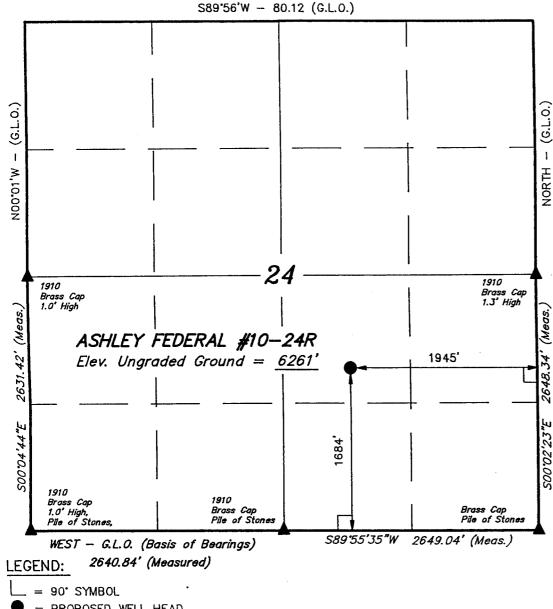
ICATE\* SUBMIT IN 7 (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985.

5. LEASE DESIGNATION AND SERIAL NO.

	BUREAU OF	LAND MANAGI	EMEN	Т		U-02458	
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1a. TYPE OF WORK	LL 🗆	DEEPEN [	_	PLUG BA		7. UNIT AGREEMENT NAME	
b. TYPE OF WELL  OIL X CAS WELL OTHER RE-ENTRY SINGLE ZONE  2. NAME OF OPERATOR						6. FARM OR LEASE NAME Ashley Federal	
Inland Product	9. WELL NO. #10-24R						
3. ADDRESS OF OPERATOR						10. FIELD AND POOL, OR WILDCAT	
P.O. BOX 1446	Roosevelt, UT eport location clearly and	04000 in accordance with	any St	tate requirements.*)		-	
At surface NW/SE						11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA	
At proposed prod. zone 1684' FSL & 1945' FEL						Sec. 24, T9S, R15E	
14. DISTANCE IN MILES	AND DIRECTION FROM NEA	REST TOWN OR POST	OFFICE	•		12. COUNTY OR PARISH 13. STATE	
	west of Myton,			7.50	17 NO	Duchesne UT OF ACRES ASSIGNED	
15. DISTANCE FROM PROPOSED® LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)				640 TO THIS WELL 40		40	
18. DISTANCE FROM PROPOSED LOCATION®				POSED DEPTH		20. ROTARY OR CABLE TOOLS Workover Rig	
OR APPLIED FOR, ON TH	IS LEASE, FT. I)	09,		3000	1 #0.	22. APPROX. DATE WORK WILL START	
21. ELEVATIONS (Show wh	ether Dr. RI, GR. ecc.)			A STORY		Third quarter 1996	
6259.7' GR		PROPOSED CASING	AND	CEMENTING PROGI	RAM		
		WEIGHT PER FO	<del></del>	SETTING DEPTH		QUANTITY OF CEMENT	
SIZE OF HOLE	SIZE OF CASING	48#			300 8	) sx in place	
		23#			500 sx		
10 sx o The wel 5500'. Inland API# 43	emt plug betweer 1 was original? Production Comp -013-15781, be	n 7" csg & 13 Ly drilled to  pany is reque renamed the	3 3/8 5 881 estin Ash1	" csg, and 5 : 6'. Re-entry  g that the Casey Federal #10	sx cmt : depth : stle Pea	is proposed to  ak Unit #1  DECENVIO  MAY 3 1 1996  ductive some and proposed new products	
zone. If proposal is to preventer program, if an 24.	drill or deepen direction	gny, give perment		erations Manage		DATE _5/15/96	
(This space for Fede	Mecham eral or State office use)	TITI	E ODE	TOTOID HOUGH			

# T9S, R15E, S.L.B.&M.



= PROPOSED WELL HEAD.

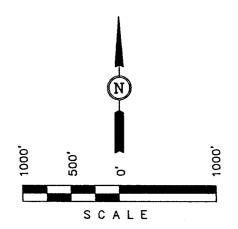
= SECTION CORNERS LOCATED.

# INLAND PRODUCTION CO.

Well location, ASHLEY FEDERAL #10-24R, located as shown in the NW 1/4 SE 1/4 of Section 24, T9S, R15E, S.L.B.&M. Duchesne County, Utah.

# BASIS OF ELEVATION

BENCH MARK M77 (1934) LOCATED IN THE NW 1/4 OF SECTION 25, T9S, R15E, S.L.B.&M. TAKEN FROM THE MYTON SW QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6153 FEET.



#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

# UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (801) 789-1017

(,							
SCALE 1" = 1000'	· · · · · · · · · · · · · · · · · · ·	DATE SURVEYED: 2-28-96	DATE DRAWN: 3-5-96				
PARTY		REFERENCES `					
L.D.T. M.R.	D.R.B.	G.L.O. PLA	Γ				
WEATHER		FILE					
COLD		INLAND PRODUCTION CO					

# INLAND PRODUCTION COMPANY ASHLEY FEDERAL #10-24R NW/SE SECTION 24, T9S, R15E DUCHESNE COUNTY, UTAH

# TEN POINT WELL PROGRAM

# 1. <u>GEOLOGIC SURFACE FORMATION:</u>

Uinta formation of Upper Eocene Age

## 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

 Uinta
 0' - 3050'

 Green River
 3050'

 Wasatch
 6500'

# 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3050'-6500' - oil

# 4. EXISTING CASING

13 3/8" J-55 48# existing csg @ 210' 7" J-55 23# w/ LT&C collars; set @ 5020' See Exhibit "F".

# 5. <u>MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:</u>

The operators minimum specifications for pressure control equipment are as follows:

A 6" 3000# BOP will be utilized.

# 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

The existing plugs will be drilled out with 2% KCL wtr.

# 7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED:</u>

A TIW valve with 8rd threads.

## **ASHLEY FEDERAL #10-24R**

# 8. TESTING, LOGGING AND CORING PROGRAMS:

Existing logs will be used. It is anticipated at this time that no new logs are to be run.

# 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

# 10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

It is anticipated that the workover operations will commence in July, 1996 and take approximately four days to workover.

# INLAND PRODUCTION COMPANY ASHLEY FEDERAL #10-24R NW/SE SECTION 24, T9S, R15E DUCHESNE COUNTY, UTAH

# THIRTEEN POINT WELL PROGRAM

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Ashley Federal #10-24R located in the NW 1/4 SE 1/4 Section 24, T9S, R15E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 9.7 miles to its junction with an existing dirt road to the southwest. Proceed southwesterly along this road 5.3 miles to its junction with an existing dirt road to the east; proceed easterly along this road 1.4 miles to the Ashley Federal #11-24, and to the beginning of the existing access road, to be discussed in Item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 53 ends, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the workover phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

### 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The existing access road leaves the Ashley Federal #10-23 access road in the SW/SE Sec. 23, T9S, R15E, and proceeds in an easterly direction from the Ashley Federal #10-23 access road, approximately 1.4 miles  $\pm$ , to the proposed location site.

The existing access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

#### ASHLEY FEDERAL #10-24R

There will no culverts required along this access road. There will no water turnouts constructed along this road.

There are no fences encountered along this proposed road. There will no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

#### 3. LOCATION OF EXISTING WELLS

There is one P&A Inland Production Co. oil well, within a one mile radius of this location. (See exhibit "D").

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contents of the largest tank within the facility battery.

Tank batteries will be built to BLM specifications.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

Inland Production Company has purchased a 3" water connection with Johnson Water District to supply the Monument Butte, Travis, and Gilsonite oil fields. Johnson Water District has given permission to Inland Production Company to use water from this system for the purpose of drilling and completing the Ashley Federal #10-24R.

Existing water for this well will be trucked from Inland Production Company's water supply line, located at the Gilsonite State #7-32 (SW/NE Sec. 32, T8S, R17E), or the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R17E), or the Travis Federal #15-28 (SW/SE Sec. 28, T8S, R16E). See Exhibit "C".

There will be no water well drilled at this site.

#### 6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

#### ASHLEY FEDERAL #10-24R

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

A small pit will be constructed from native soil to hold cuttings from cement plugs. The pit will be promptly reclaimed after the workover operations are completed.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined in storage tanks. Inland requests temporary approval to transfer the produced water to Inland's nearby waterflood, for reinjection into the waterflood reservoirs via existing approved injection wells. Within 90 days of first production, a water analysis will be submitted to the Authorized Officer, along with an application for approval of this, as a permanent disposal method.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

# 9. <u>WELL SITE LAYOUT</u>

See attached Location Layout Sheet - Exhibit "E".

The temporary pit will be located on the south, between stakes 4 & 5.

No flare pit will be used at this location.

The stockpiled topsoil (first six (6) inches) will be stored on the east, between stakes 2 & 3, and windrowed on the north side, between stakes 2 & 8.

Access to the well pad will be from the northwest corner, between stakes 7 & 8.

The northeast corner will be rounded, to avoid excess drainage.

#### Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.

- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on four (4) sides during workover operations. Pits will be fenced and maintained until cleanup.

## 10. PLANS FOR RESTORATION OF SURFACE

# a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons, removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

#### b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

# 11. SURFACE OWNERSHIP - Bureau Of Land Management

#### 12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.

c) Completion rigs and/or equipment used during operations on this well site will not be stacked or stored on Federal Lands after the conclusion of completion operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

There are no dwellings or facilities in the general area. There are no visible archaeological, historical or cultural sites within any reasonable proximity of the proposed location site. The Archaeological Survey Report is attached.

## Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

#### Hazardous Material Declaration

Inland Production Company guarantees that during the workover of the Ashley Federal #10-24R, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act SARA) of 1986. Inland also guarantees that during the workover of the Ashley Federal #10-24R, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and workover activities.

Inland Production Company or a contractor employed by Inland Production, shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the workover rig.

#### *13*. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

## <u>Representative</u>

Name:

**Brad Mecham** 

Address:

P.O. Box 1446 Roosevelt, Utah 84066

Telephone:

(801) 722-5103

## Certification

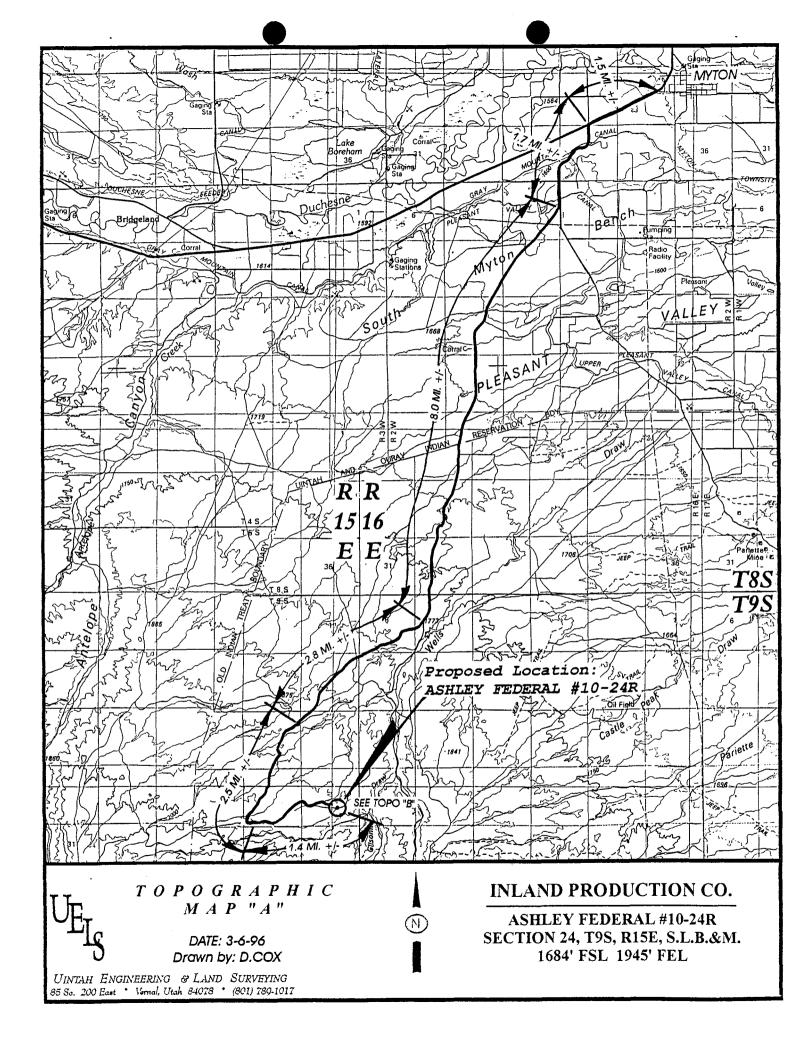
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #10-24R NW/SE Section 24, Township 9S, Range 15E: Lease #U-02458 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

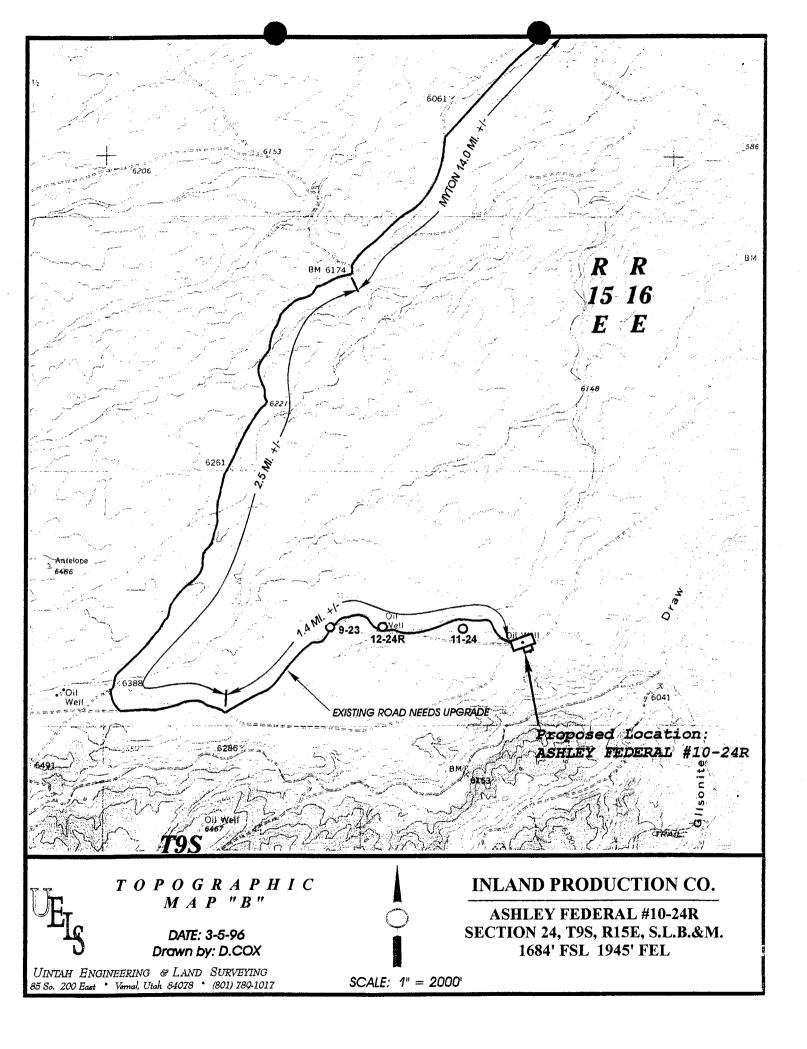
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

**Brad Mecham** 

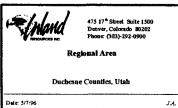
**Operations Manager** 

Brew Meclem

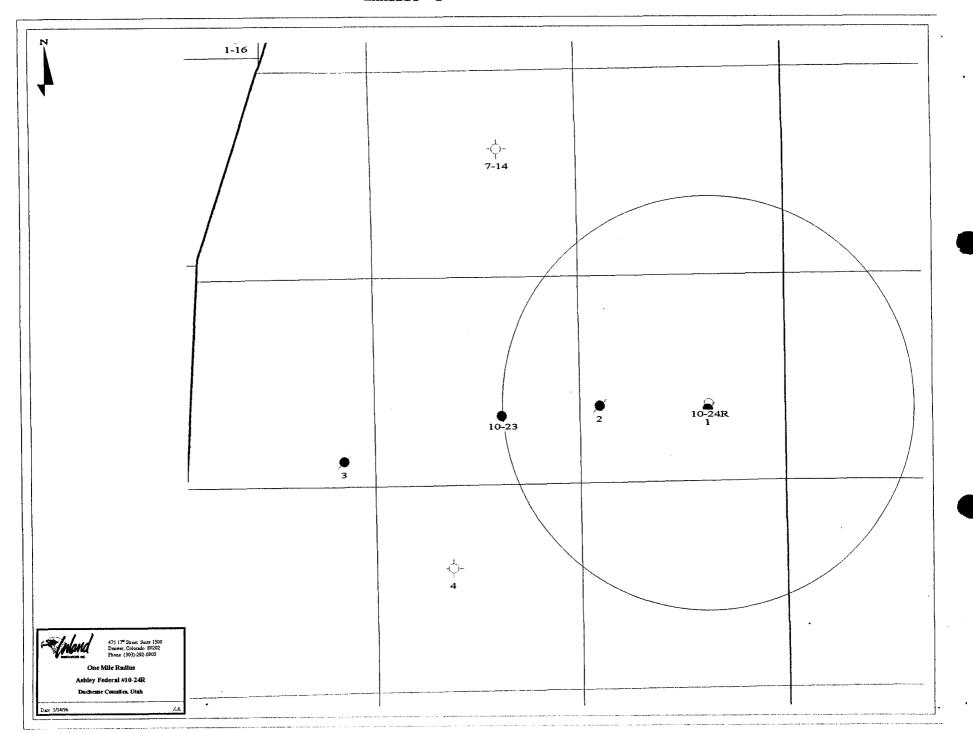


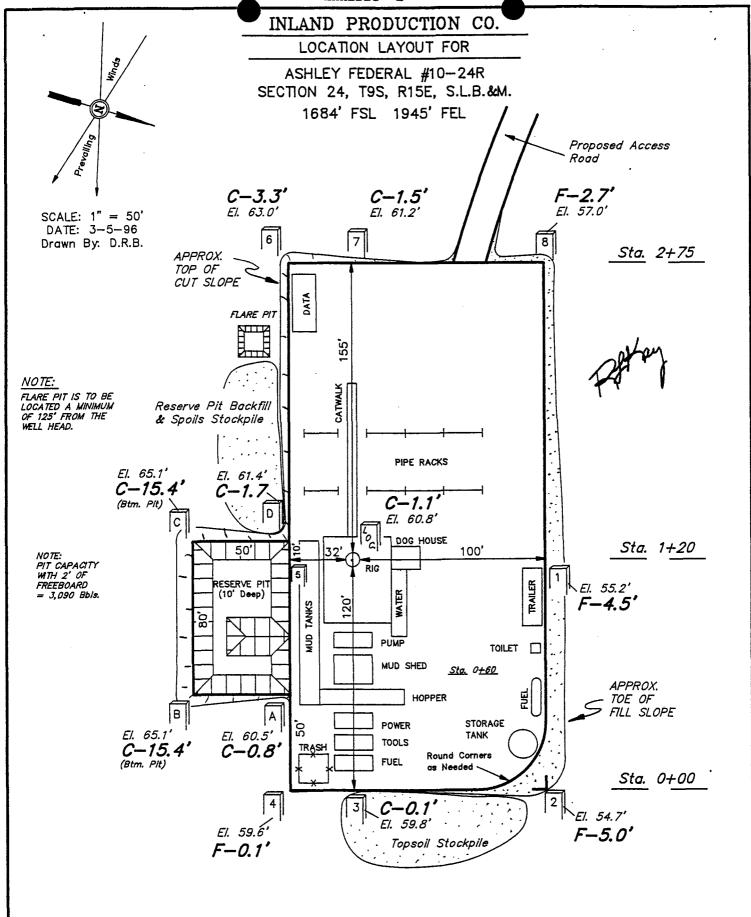


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Elev. Ungraded Ground at Location Stake = 6260.8' Elev. Graded Ground at Location Stake = 6259.7'

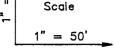
UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

# INLAND PRODUCTION CO.

# TYPICAL CROSS SECTIONS FOR

ASHLEY FEDERAL #10-24R

SECTION 24, T9S, R15E, S.L.B.&M. 1684' FSL 1945' FEL

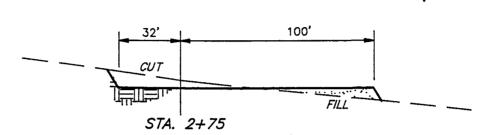


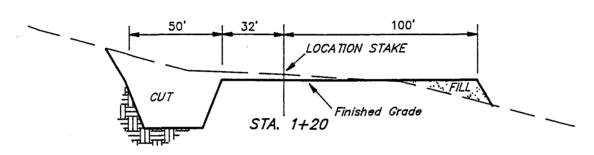
X-Section

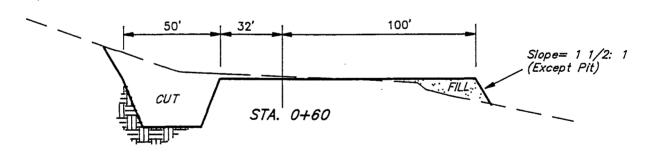
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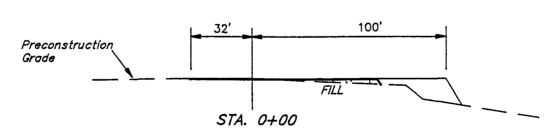
11

DATE: 3-5-96 Drawn By: D.R.B.









# APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 750 Cu. Yds.

Remaining Location = 1,970 Cu. Yds.

TOTAL CUT = 2,720 CU.YDS.

FILL = 1,430 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION = 1,210 Cu. Yds.

Topsoil & Pit Backfill = 1,210 Cu. Yds.

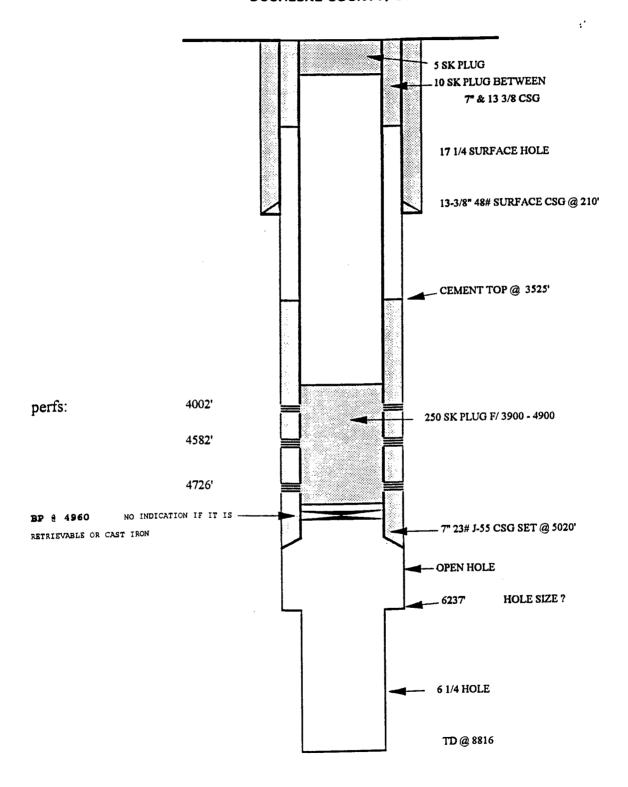
(1/2 Pit Vol.)

EXCESS MATERIAL After = O Cu. Yds. Reserve Pit is Backfilled &

Topsoil is Re-distributed

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (801) 789-1017

NW/SE SECTION 24, T9S, R15E DUCHESNE COUNTY, UTAH



# A CULTURAL RESOURCES SURVEY OF

# ASHLEY FEDERAL WELLS #9-23, #10-24R, #11-24, #12-24R

# AND ACCESS ROADS NEAR WELLS DRAW, DUCHESNE COUNTY, UTAH

by

Heather M. Weymouth Senior Archaeologist

Prepared for:

Lomax Exploration Company P.O. Box 1446 Roosevelt, Utah 84066

Prepared by:

Sagebrush Archaeological Consultants, L.L.C. 3670 Quincy Avenue, Suite 203
Ogden. Utah 84403

Under Authority of Cultural Resources Use Permit No. 95-UT-54630

and

Utah State Antiquities Permit No. U-96-SJ-0119b

Archaeological Report No. 855-01

# INTRODUCTION

In February 1996, Inland Production Company (Inland) of Roosevelt, Utah requested that Sagebrush Archaeological Consultants, L.L.C. (Sagebrush) conduct a cultural resources inventory of Inland's Ashley Federal wells #9-23 (1980' FSL 660' FEL), #10-24R (1684' FSL 1945' FEL), #11-24 (2008' FSL 1970' FWL) and #12-24R (2037' FSL 444' FWL) located on lands controlled by the Bureau of Land Management (BLM) in Duchesne County, Utah (Figure 1).

The proposed wells are located in T. 9S., R. 15E., S. 23 and 24 on USGS 7.5' Quadrangle Myton SW, Utah (1964). The project was carried out by Heather M. Weymouth and Lynita S. Langley on March 6, 1996 under authority of Cultural Resources Use Permit No. 95UT54630 and Utah State Antiquities Permit No. U-96-SJ-0118b.

A file search for previously recorded cultural resource sites and paleontological localities located near the current project area was conducted by Heather M. Weymouth and Lynita S. Langley on February 23, 1996 at the BLM, Vernal District Office to determine if any cultural resource projects had been conducted or sites recorded in or near the current project area. An additional file search was conducted by Michael R. Polk at the Division of State History, Utah State Historic Preservation Office, Salt Lake City on February 21, 1996.

More than 15 previous cultural resources projects have been conducted in the area of the current project. Due to the large number of projects conducted in this area, individual project descriptions will not be listed. However, two cultural resource sites are listed as being located near the current project area. Following is a brief description of these sites:

# Cultural Resource Sites

Site 42Dc344. This site, located just north of an ephemeral wash near Wells Draw, is a light lithic scatter consisting of three lithic flakes, a core, and a projectile point tip fragment. This site has not been evaluated for eligibility to the National Register of Historic Places (NRHP).

Site 42Dc553. This site, located at the west edge of a low sandstone bench and just east of a dry wash, consists of an open lithic scatter with a possible eroded hearth. This site was recommended ELIGIBLE to the NRHP.

No paleontological localities are listed as being in the vicinity of the current project area. In addition to these searches, the NRHP was consulted prior to conducting the survey. No NRHP listed or determined eligible sites were found to be in the vicinity of the current project area.

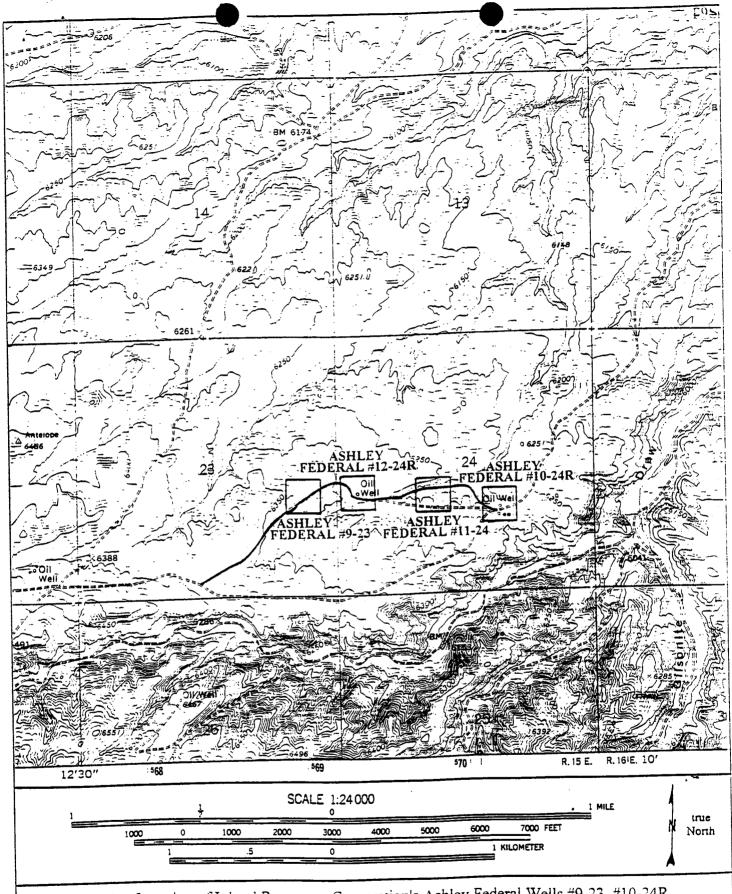


Figure 1. Location of Inland Resources Corporation's Ashley Federal Wells #9-23, #10-24R, #11-24, #12-24R and access roads. Taken from USGS 7.5' Quadrangle Myton SW. Utah (1964).

# **ENVIRONMENT**

The project area lies approximately 12 miles south of Myton, Utah just west of Wells Draw. The well pads and access roads lie in an area of low rolling tablelands divided by seasonally flowing drainages. Soils in these areas are poorly developed and extremely sandy in nature. Sediments consist of very fine grained buff to green colored sand with areas of angular rock fragments composed of mudstone. limestone and sandstone. The elevation of the area surveyed ranges between 6220 and 6400 feet (ft) a.s.l. Vegetation in the project area covers approximately 20 percent of the surface and is predominantly shadscale and Pinyon-Juniper community species. Noted species include pinyon pine, juniper, prickly pear cactus, small sagebrush and a variety of low grasses. Many seasonally flowing drainages and washes are present in the vicinity of the project area. These seasonal water sources were likely the primary source of water in this area prehistorically and historically. Natural disturbance in the area consists primarily of sheetwash erosion and arroyo cutting. Cultural disturbance includes existing well pad locations. pipelines, access roads, and grazing of livestock.

# METHODOLOGY

The project area consists of four 40,469 m² (10 acre) parcels of land 201-by-201 m (660-by-660 ft) centered on the proposed well heads and access roads connecting the well locations to existing roadways. The well pads were inventoried by Heather M. Weymouth and Lynita S. Langley walking parallel transects spaced no more than 15 m (50 ft) apart. The access roads. which totaled 2.25 km (1.4 miles) in length, were each walked in two parallel transects spaced 10 m (32 ft) apart to cover a corridor width of 100 ft (30 m). The area surveyed during this project (including well pads and access roads) totaled 230,671 m² (57 acres)

# RESULTS

No cultural resources sites nor paleontological localities were found as a result of this inventory.

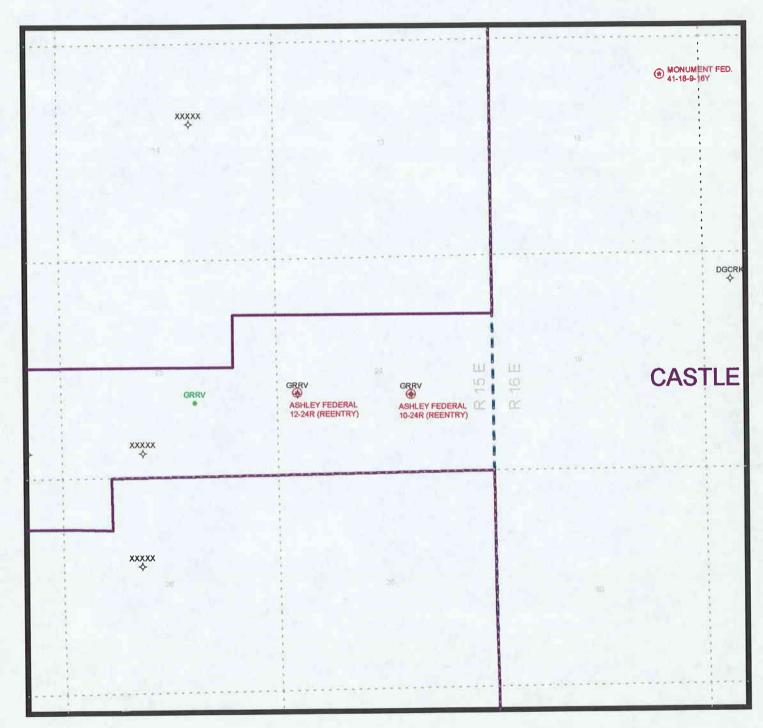
# RECOMMENDATIONS

Since there were no cultural resources nor paleontological resources found, cultural and paleontological clearance is recommended for the proposed project.

This investigation was conducted with techniques which are considered to be adequate for evaluating cultural and paleontological resources which could be adversely affected by the project. However, should such resources be discovered during construction, a report should be made immediately to the BLM District Archaeologist, Vernal District Office, Vernal, Utah.

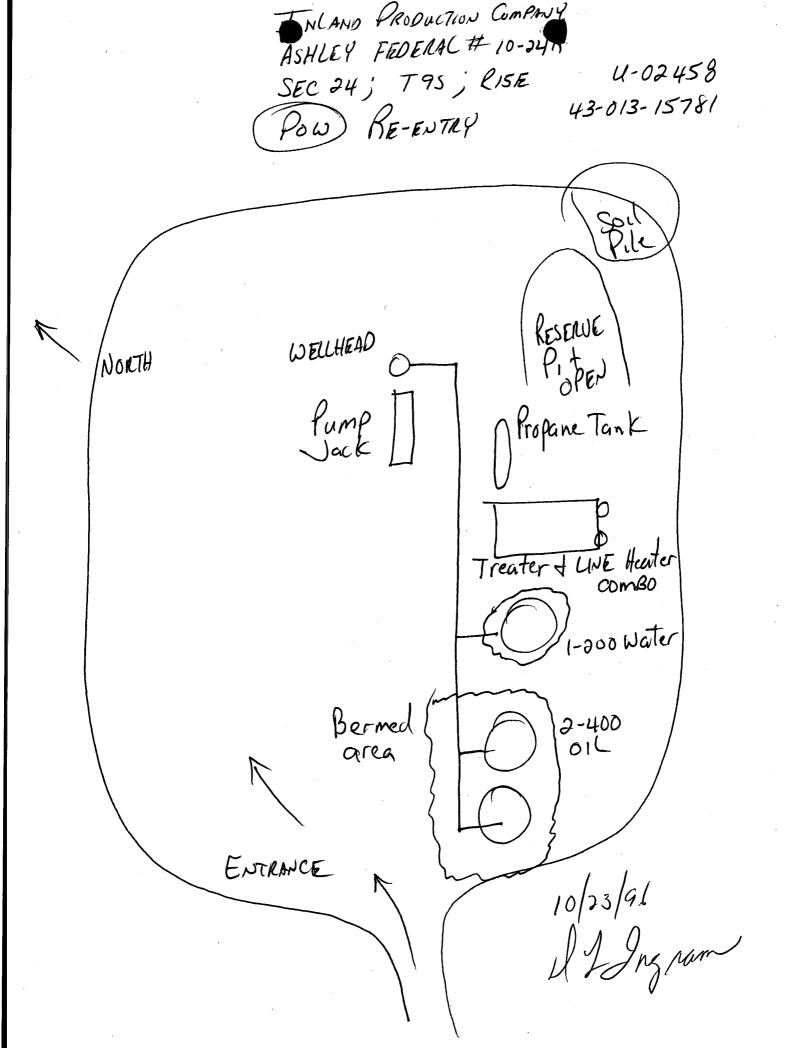
API NO. ASSIGNED: 43-013-15781 APD RECEIVED: 05/31/96 WELL NAME: ASHLEY FED 10-24R (REENTRY) (N5160)OPERATOR: INLAND PRODUCTION COMPANY INSPECT LOCATION BY: PROPOSED LOCATION: NWSE 24 - T09S - R15E SURFACE: 1684-FSL-1945-FEL TECH REVIEW Initials Date BOTTOM: 1684-FSL-1945-FEL Engineering DUCHESNE COUNTY CASTLE PEAK FIELD (075) Geology LEASE TYPE: FED Surface LEASE NUMBER: U - 02458 PROPOSED PRODUCING FORMATION: GRRV LOCATION AND SITING: RECEIVED AND/OR REVIEWED: \_\_\_\_ R649-2-3. Unit: \_\_\_\_ ✓ Plat Bond: Federal[V State[] Fee[] R649-3-2. General. (Number 4488944 )  $\sqrt{\text{Potash}}$  (Y/N)  $\nearrow$  R649-3-3. Exception. 7 Oil shale (Y/N)✓ Water permit Drilling Unit. (Number intection well 7-32) Board Cause no: ✓ RDCC Review (Y/N) Date: (Date: COMMENTS: STIPULATIONS:

# INLAND PRODUCTION COMPANY DEVELOPMENT DRILLING SEC. 24, T9S, R15E, DUCHESNE, COUNTY UAC R649-3-2



PREPARED:

**DATE: 30-MAY-96** 





# DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor **Ted Stewart Executive Director** James W. Carter

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) Division Director 801-538-5319 (TDD)

July 3, 1996

Inland Production Company P.O. Box 1446 Roosevelt, Utah 84066

Ashley Federal 10-24R Well, 1684' FSL, 1945' FEL, NW SE, Sec. 24, T. 9 S., R. 15 E., Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-15781.

Sincerely,

Associate Director

lwp

Enclosures

Duchesne County Assessor

Bureau of Land Management, Vernal District Office



Operator:		<u> </u>						
Well Name & Nur	mber: _	Ash	· .	·	<u> </u>			
API Number: _		43-	013-15	781		<u> </u>	· 	
Lease:	<del> </del>	U-0:	2458					
Location:	W SE_	Sec.	24	T.	9 S.	R.	15 E	

# Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews at (801)538-5334 or Mike Hebertson at (801)538-5333.

3. Reporting Requirements
All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Form 3160-3 (November.1983)

# UNITED STATES

SUBMIT IN TR (Other instruc reverse side)

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985,

(formerly 9-331C) DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND BERIAL NO. U-02458 BUREAU OF LAND MANAGEMENT 6. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 1a. TYPE OF WORK 7. UNIT AGREEMENT NAME PLUG BACK DEEPEN DRILL Ashley Unit b. TYPE OF WELL MULTIPLE ZONE S. FARM OR LEASE NAME RE-ENTRY WELL X Ashley Federal 2. NAME OF OPERATOR 9. WELL NO. Inland Production Company #10-24R MAY 3 I 1996 3. ADDRESS OF OPERATOR 10. FIELD AND POOL, OR WILDCAT P.O. Box 1446 Roosevelt, UT 84066 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/SE 1684' FSL & 1945' FEL At proposed prod. zone Sec. 24, T9S, R15E 12. COUNTY OR PARISH | 13. STATE 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* UT Duchesne 14 miles southwest of Myton, UT 17. NO. OF ACRES ASSIGNED TO THIS WELL 16. NO. OF ACRES IN LEASE 15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any) 40 640 20. ROTARY OR CABLE TOOLS 18. DISTANCE FROM PROPOSED LOCATION\*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 1365\* 19. PROPOSED DEPTH 5500' Workover Rig 22. APPROX. DATE WORK WILL START\* 21. ELEVATIONS (Show whether DF, RT, GR, etc.) Third quarter 1996 6259.7' GR PROPOSED CASING AND CEMENTING PROGRAM  $\overline{23}$ QUANTITY OF CEMENT SETTING DEPTH WEIGHT PER FOOT SIZE OF CASING SIZE OF HOLE 300 sx in place 210' 48# 13 3/8" 500 sx 50201 23# Inland Production Company is proposing to enter the existing well bore by drilling out the cement plugs as follows: 250 sx cmt plug from 3900' - 4900'. 10 sx cmt plug between 7" csg & 13 3/8" csg, and 5 sx cmt inside 7" csg. The well was originally drilled to 8816'. Re-entry depth is proposed to 5500'. Inland Production Company is requesting that the Castle Peak Unit #1 API# 43-013-15781, be renamed the Ashley Federal #10-24R.

JUL 1 1 1996 IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present pro IN ABOVE SPACE DESCRIBE THE OF THE PROPERTY OF preventer program, if any.  $\overline{24}$ . DATE <u>5/15/96</u> TITLE Operations Manager (This space for Federal or State office use) ACTING APPROVAL DATE JUL **Assistant Field Manager** 3 1996 S OF APPROVAL AT

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

COAs Page 1 of 7

Well No.: Ashley Federal 10-24R

# CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company
Well Name & Number: Ashley Federal 10-24R
API Number: 43-013-15781
Lease Number: <u>U - 02458</u>
Location: <u>NWSE</u> Sec. <u>24</u> T. <u>9S</u> R. <u>15E</u>

# **NOTIFICATION REQUIREMENTS**

**Location Construction** 

at least forty-eight (48) hours prior to construction of

location and access roads.

Location Completion

prior to moving on the drilling rig.

Re-entry Notice

at least twenty-four (24) hours prior to re-entering the

wellbore.

BOP and Related

**Equipment Tests** 

at least twenty-four (24) hours prior to initiating pressure tests.

First Production

Notice

within five (5) business days after new well begins, or

production resumes after well has been off production for

more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COAs Page 2 of 7

Well No.: Ashley Federal 10-24R

# CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

The re-entry of this wellbore is approved to a depth of <u>5000 ft. only</u>. Should you decide to go deeper than 5000 ft, you will need to get approval from the authorized officer before proceeding deeper.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

# A. DRILLING PROGRAM

# 1. Pressure Control Equipment

The BOP and related equipment shall be a functionally operable **3M** system installed and function tested prior to initiating drill out of any plugs.

# 2. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aguifers.

# 3. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

A cement bond log (CBL) will be run from the production casing shoe to the top of cement, if one has not already been run, and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

COAs Page 3 of 7 Well No.: Ashley Federal 10-24R

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4.

#### 4. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

COAs Page 4 of 7 Well No.: Ashley Federal 10-24R

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

# 5. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

COAs Page 5 of 7 Well No.: Ashley Federal 10-24R

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman

(801) 789-7077

Petroleum Engineer

Wavne P. Bankert

(801) 789-4170

Petroleum Engineer

(801)781-1190

Jerry Kenczka Petroleum Engineer

BLM FAX Machine (801) 781-4410

Well No.: Ashley Federal 10-24R

# EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

COAs Page 7 of 7 Well No.: Ashley Federal 10-24R

# SURFACE USE PLAN OF OPERATIONS

Conditions of Approval (COAs)

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

- -All vehicle travel will be confined to existing access road rights-of-way.
- -The old access road to the east of this well shall be closed to motorized traffic.



September 11, 1996

State of Utah Division of Oil, Gas & Mining P.O. Box 145801 1594 West North Temple Suite 1210 Salt Lake City Utah 84114-5801

ATTENTION: Lisha Cordova

RE:

Boundary Federal #6-20 SE/NW Sec. 20, T8S, R17E Duchesne County, Utah

Ashley Federal #12-24R NW/SW Sec. 24, T9S, R15E Duchesne County, Utah Ashley Federal #10-24R NW/SE Sec. 24, T9S, R15E Duchesne County, Utah

Dear Lisha,

I am faxing Entity Action Form - 6, for the new Entity No., on the above referenced locations.

Please call me at your convenience, with the new numbers at (801) 722-5103.

Sincerely,

Cheryl Cameron

Regulatory Compliance Specialist

/cc Enclosures

Inland Production Company Field Office • P.O. Box 1446 • Roosevelt, UT 84066 • 801-722-5103 • FAX 801-722-9149.

475 Seventeenth Street, Suite 1500, Denver, CO 80202 • 808-292-0900 • FAX 308-296-4070

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A - Establish new entity for new well (single well only)
B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

0 - Re-assign well from one existing entity to a new entity E - Other [explain in comments section]

MATE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Compliance Specalist 9/11/96

Phone No. (801 ) 722-5103

# DIVISION OF OIL, GAS AND MINING

# SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO.
Well Name: ASHLEY FEDERAL 1024R (RE-ENTRY)
Api No. 43-013-15781
Section 24 Township 9S Range 15E County DUCHESNE
Drilling Contractor BASIN WELL SERVICE
Rig #: 6
SPUDDED:
Date: 9/23/96
Time:
How: ROTARY
Drilling will commence:
Reported by: D. INGRAM-DOGM
Telephone #:
Date: 9/23/96Signed:JLT

FORM 3160-5

(June 1990)

# UNITE DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

4	

FORM APPROVED

Budged Bureau No. 1004-0135

Expires March 31, 1993

SUNDRY NOTICES AND REPO	PTS ON WELLS	5. Lease Designation and Sørial No. <i>U-02458</i>
Do not use this form for proposals to drill or on Use "APPLICATION FOR PERM	deepen or reentry to a different reservoir.	8. If Indian, Allottee or Tribe Name
SUBMIT IN T	RIPLICATE	7. If unit or CA, Agreement Designation
1. Type of Well  X Oil Well  Gas well  Other		8. Well Name and No.
		Ashley Fed 10-24R
2. Name of Operator  Inland Production		9. API Well No. 43-013-15781
3. Address and Telephone No.  P.O. Box 1446 Roosevelt, UT 84066 (80)	) 722-5103	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  NW/SE		11. County or Parish, State
Sec. 24,T9S,R15E		Duchesne,UT
	ICATE NATURE OF NOTICE, REPORT, OR OTI	HER DATA
TYPE OF SUBMISSION		
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
<del></del>	Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	Other Re-Entry	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent drilled, give subsurface locations and measured and true vertical WEEKLY STATUS REPORT FOR WEEK	depths for all markers and zones pertinent to this work)	posed work. If well is directically
Drl cmt from 4022' - 4398', & from 4	csg & install csg head. Tag cmt @ 3708'. 398' - 4920'. Run CBL/GR log from 4952'-su	DECEIVED
SPUD ON 9/23/96		OCT 1 0 1990
		DIV. OF OIL, GAS & MINING
14. I hereby cartify that the foregoing is true and correct Signed  Cheryl Cameron	Title Regulatory Compliance Specialist	Date 10/3/96
(This space of Federal or State office use.)		
Approved by	Title	Date
Conditions of approval, if any:		
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to	make to any department of the United States any false, fictitious or fraudule	nt statements or representations as
to any matter within its jurisdiction.		

FORM 3160-5

(June 1990)

to any matter within its jurisdiction.

# UNITEDATATES DEPARTMENT COTHE INTERIOR

FORM APPROVED

Budged Bureau No. 1004-0135

BUKEAU OF LAND	WANAGEWEN	Expires March 31, 1993
SUNDRY NOTICES AND REPO	RTS ON WELLS	5. Lease Designation and Serial No. <i>U-02458</i>
Do not use this form for proposals to drill or of Use "APPLICATION FOR PERM	deepen or reentry to a different reservoir.	6. If Indian, Allottee or Triba Name
SUBMIT IN T	RIPLICATE	7. If unit or CA, Agreement Designation
1. Type of Well		
X Oil Well Gas well Other		8. Well Name and No.  Ashley Fed 10-24R
2. Name of Operator		9. API Well No.
Inland Production		43-013-15781
3. Address and Telephone No. P.O. Box 1446 Roosevelt, UT 84066 (801)	) 722-5103	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	The state of the s	7
NW/SE		11. County or Parish, State
Sec. 24,T9S,R15E		Duchesne, UT
	ICATE NATURE OF NOTICE, REPORT, OR OTHER D	AIA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	Conversion to Injection
_	X Other Weekly Status	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
	etails, and give pertinent dates, including estimated date of starting any proposed wo	k. If well is directioally
drilled, give subsurface locations and measured and true vertical	depths for all markers and zones pertinent to this work)	
WEEKLY STATUS REPORT FOR WEEK	OF 10/2/96 - 10/15/96:	
Perf B sd 4820'-4831' & frac		
Perf C sd 4723'-4731' & frac		
Perf D sd 4567'-4572', 4576'-4589',	4614'-4616', 4620'-4632' & 179) <u>ECE</u>	VEM
RIH w/ production string		1995
ON PRODUCTION 10/15/96		1550
	DIV. OF OIL, GAS	& MINING
14. I hereby certify that the foregoing in type and correct		
Signed Cheryl Carneron	Title Regulatory Compliance Specialist	Date 1018/96
(This space of Federal or State office use.)		
Approved by	Title	Date
Conditions of approval if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as

Form 3160-4 (July 1992)		DEPA		NITED ENT (	OF	HET	E W ITERIO	<b>∦√−−−−</b> <b>OR</b> 996	to kee	ATE* other in- tions on se side)	OM Expire 5. LKASE DE	AB NO. es: Feb	PPROVED 1004-0137 ruary 28, 1995 ion and serial no.
WELL	. CON	APLETIC	O NC	R RECC	MPL	ETION	REPORT	[ Al	10 rba	3 *	G. IF INDIAN	I, ALLO	TTEE OR TRIBE NAME
Ia. TYPE O	F WELL	ı:	WRILL	GAR WELL			IE, GAS	& N/I	NING	<del></del>	7. UNIT AGE		NAMB
b. TYPE O		WORK	DEEP- [	DACK PLUG			Other R				Ashley U		SE NAME, WELL NO
WELL.		OVER L	EN L	BACK	<u> </u>	RENVA. L_	OtherK	e-cu	L.F. y		-1		al 10-24 (R)
Inland	Produ	ction (	Compan	y							9. API WELL	NO.	<u>ar 10 24 (R/</u>
3. ADDRES	S AND 1	relephon	E NO.				1				43-013-3	<del>1522</del>	. OB WILDCAT
P.O. Bo	0x 790	233 Veneral le	ernal,	UT 84	0/9	(801	) 789–1 ny State req	uireme	nta)*		10. 71222 X	ND 1001	. OR WILDCAL
At surfac		W/SE									11. BEC., T., OR AREA	R., M., (	OR BLOCK AND BURYEY
At top pi		rval reporte	d below	1684'	FSL	& 1945	' FEL				Sec. 24,		. R1 5E
At total	depth										DCC. 24,	170	, KISE
					14.	PERMIT NO	١,		ISSUED		12. COUNTY	OR.	13. STATE
						-013-15		<u>'</u>	962		Duche		UT
15. DATE SPUI	ì	16. DATE T	_			L. (Ready )	(o prod.)				T, GE, ETC.)*	19. 1	LEV. CABINGHEAD
9/23/96		9/28/		K T.D., MD 4	$\frac{1}{2}$	22. IF MI'I	TIPLE COME		59.7 GR	RVALS	ROTARY TOO	LS	CABLE TOOLS
5020'		1	4940	1		How >	2		DRIL	LED BY		]	
24. PRODUCING			HIS COM	LETION—TO				(1)	reen Ri	ver		25	. WAS DIRECTIONAL SURVEY MADE
4820'-4 4620'-4	632'			4567 <b>'-</b> 4 	572',	,4576 <b>'-</b>	4589',4	614'-	-4616', 		<del></del>		NO
26. TYPE ELEC	11-14-	クレ		A11 log	s rui	prior	to re-	entry	y on fi	le w/	5 0001		
CBL (cu	rrent	)	The				nagement			sion	of OG&M		No
28. CASING SIZE/	GRADE	WEIGHT,	LB./FT.	DEPTH S			I.E SIZE			ENT, CEM	ENTING RECORD		AMOUNT PULLED
13 3/8		48#		210'				3(	00 sx i	n nla	ce		
7		23#		50201				50	00 sx				
					<del></del>	_ -		-	· · · · · · · · · · · · · · · · · · ·				
29.			LINE	R RECORD	)	!	· · · · · · · · · · · · · · · · · · ·		30.	Т	TBING RECO	RD	
#IZE		TOP (MD)		OM (MD)		CEMENT*	SCREEN (	MD)	SIZE		SPTH SET (M	D)	PACKER SET (MD)
31. PERFORATE	a= 1500	n (Interne	1	aumher)		_					URE, CEMENT	R POLITE	PART PARC
							S2.				OUNT AND KINI		
B sd @ 4820 C sd @ 4723							See Ba						
D sd @ 4567			<b>'-</b> 4589	9',4614	<b>'</b> -461	6 <b>'</b>							
	<b>'-</b> 4632											·	
33.*						PROI	DUCTION				<del></del>		
DATE FIRST PE	ODUCTION	( P	ODUCTION	METHOD (	Flowing		smping—eis	e and t	ype of pum	P)	WELL	STATUS (-is)	(Producing or
10/15/90				<del></del>	' X 1	½" X 12	' X 15'	RHA					producing
DATE OF TRET		HOURS TEST	ED C	HOKE SIZE		D'N. FOR T PERIOD	OIL-BBL.		GAR-MCI	r.	WATER—BBL.	·   '	AS-OIL RATIO
14 Day Av		10/96		N/A			44 GAS-	-MCF.	33	WATER	HOL.	OIL GR	8 AVITY-API (CORE.)
				4-HOUR RAT					1				
34. DISPOSITIO	N OF GAS	(Bold, weed	for fuel,	vented, etc.)					<u> </u>		TEST WITNES	SED BY	
Sold & Us			· - · · · · · · · · · · · · · · · · · ·						<del>,</del>	!			
CBL in It	tem #2	26			- <u>,</u>						il accitable ==	annd-	
36. I hereby	SLIMIA IP	at the fore	foing and	attached i	nformat	ion is comp	iete and cor Regulat	rect as	Complia	nce			
8IGNED		Mariar	amo	M	′		Special		·		DATE	11	/8/96

\*(See Instructions and Spaces for Additional Data on Reverse Side)

.37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and GEOLOGIC MARKERS recoveries): FORMATION TOP DESCRIPTION, CONTENTS, ETC. BOTTOM TOP NAME TRUE MEAS. DEPTH Garden Gulch Mkr NA #32. VERT. DEPTH Point 3 Mkr 4128' X Mkr 43881 Perf B sd @ 4820'-4831' Y Mkr 44221 Frac w/ 34,000# 20/40 sd in 210 bbls gel Douglas Ck Mkr 4530¹ Bicarbonate Mkr 47351 Perf C sd @ 4723'-4731' B Limestone Mkr 48751 Screened out w/ 5# sd w/ 10,600# 20/40 sd Castle Peak 54221 in frmtn w/ 164 bbls gel Basal Carbonate NDE Perf D sd 4567'-4572',4576'-4589' 4614'-4616',4620'-4632' Frac w/ 77,700# 20/40 sd in 402 bbls gel

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Page 19 of 33

#### MONTHLY OIL AND GAS PRODUCTION REPORT

	ddress						Utah Account No: N5160			
INLAND PRODUCTION COMPANY										
P.O. BOX 1446							Report F	Report Period (Month/Year) 04/98		
ROOSEVELT UT 84066							Report Terrod (Honen/Tear)			
ROOSEVELT 01 84066							1			
							Amended Report     (Highlight Change			
Well Name				Producing   Well   Days			Production Volume			
API Number Entity	Location			Zone	Status	Oper	OIL (BBL)	GAS (MSCF)	WATER (BBL)	
11-22 MONUMENT FEDERAL				1	1	1	I		Í	
4301331647 11986	22	98	16E	GRRV	POW	30	111	810	0	
31-5 MONUMENT FEDERAL				1		31 3t	4			
4301331680 11987	5	98	17E	GRRV	POW	\\ \frac{1}{2}	0	53	0	
6-20 BOUNDARY FEDERAL				1		ĺ	I		-	
4301331626 11991	20	88	17E	GRRV	POW	7	29	195	282	
10-24R ASHLEY FEDERAL				1			-			
4301315781 11992	24	98	15E	GRRV	POW	30	196	330	0	
12-24R ASHLEY FEDERAL				1	1		I			
4301315782 11993	24	98	15E	GRRV	POW	30	144	923	0	
24-17 MONUMENT FEDERAL				1	ISOW	[ [	l		ļ	
4301331682 11994	17	9S	16E	GRRV		0	0	0	0	
10-2 MONUMENT BUTTE STATE				•		1	I			
4301331565 12013	2	98	16E	GRRV	POW	30	566	849	0	
23-7 MONUMENT FEDERAL				1	1					
4301331694 12019	7	9S	16E	GRRV	POW	30	443	859	0	
33-22 MONUMENT FEDERAL				1	1	]				
4301331588 12024	22	88	17E	GRRV	POW	1.5	106	195	0	
7-21 BOUNDARY FEDERAL							1			
4301331640 12025	21	8S	17E	GRRV	POW	30	234	1630	40	
4-341 MONUMENT BUTTE FEDERAL				1						
4301331669 12027	34	88	16E	GRRV	POW	28	143	2332	0	
23-22Y MONUMENT FEDERAL				1	1					
4301331702 12031	22	88	17E	GRRV	POW	12	43	156	0	
41-6Y MONUMENT FEDERAL							ļ		1	
4301331718 12043	66	9S	16E	GRRV	POW	30	153	1183	55	
						1	I		1	
					•	rotal	2168	9515	377	

I hereby certify that this report is true and complete to the

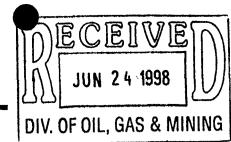
Name & Signature: (6/93)

Comments:

JUN 24 1998

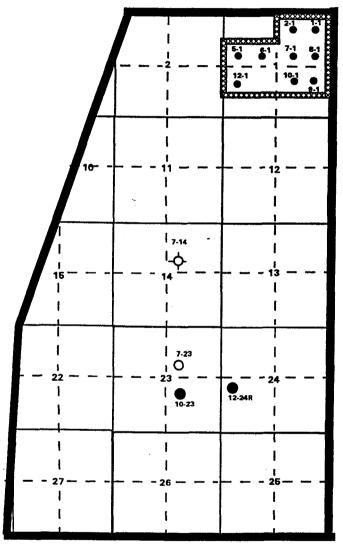
mhone: (435)-722-5103

DIV. OF OIL, GAS & MINING



# ASHLEY UNIT DIV. OF OIL, GAS & MINING Duchesne County, Utah

EFFECTIVE: DECEMBER 22, 1994



98

15E

**UNIT OUTLINE (UTU73520X)** 

**GREEN RIVER PA "A"** 

8,277.43 ACRES

GRRV PA "A" ALLOCATION

FEDERAL 100%

400.12 Acres

FORM 3160-5 (June 1990)

CC: UTAH DOGM

#### UNITED STATES BUREAU OF LAND MANAGEMENT



FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

#### TI-02458

SUNDRY NOTICES AND REPORTS ON WELLS	U-02458	
form for proposals to drill or to deepen or recently a different recentair	( ICI. I' All (	m 11

		0 02 100
Do not use this form for proposals to drill or to de Use "APPLICATION I	eepen or reentry a different reservoir. FOR PERMIT -" for such proposals	6. If Indian, Allottee or Tribe Name NA
SUBMIT IN	N TRIPLICATE	7. If Unit or CA, Agreement Designation ASHLEY (GR RVR)
X Oil Gas Well Other		8. Well Name and No.  CASTLE PEAK UNIT #1  9. API Well No.
2. Name of Operator INLAND PRODUCTION COMPANY		43-013-15781  10. Field and Pool, or Exploratory Area
3. Address and Telephone No. 475 17TH STREET, SUITE 1500, DENVE	ER. COLORADO 80202 (303) 292-0900	CASTLE PEAK  11. County or Parish, State
4. Location of Well (Footage, Sec., T., R., m., or Survey Description)	on 24, T09S R15E	DUCHESNE COUNTY, UTAH
12. CHECK APPROPRIATE BOX(s	) TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE O	FACTION
Notice of Intent  X Subsequent Report  Final Abandonment Notice	Abandonment Recompletion Plugging Back Casing Repair Altering Casing X Other Site Security	Change of Plans New Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Attached please find the site security	diagram for the above referenced wel	1.
		OCT 1 3 1998
4. I hereby certify that the foregoing is true and correct	DIV. C	FOIL, GAS & MINING
Signed Sichlic E. Knig	Manager, Regulatory Comp	liance Date 10/7/98
(This space for Federal or State office use)		
Approved by	Title	Date
Conditions of approval, if any:		

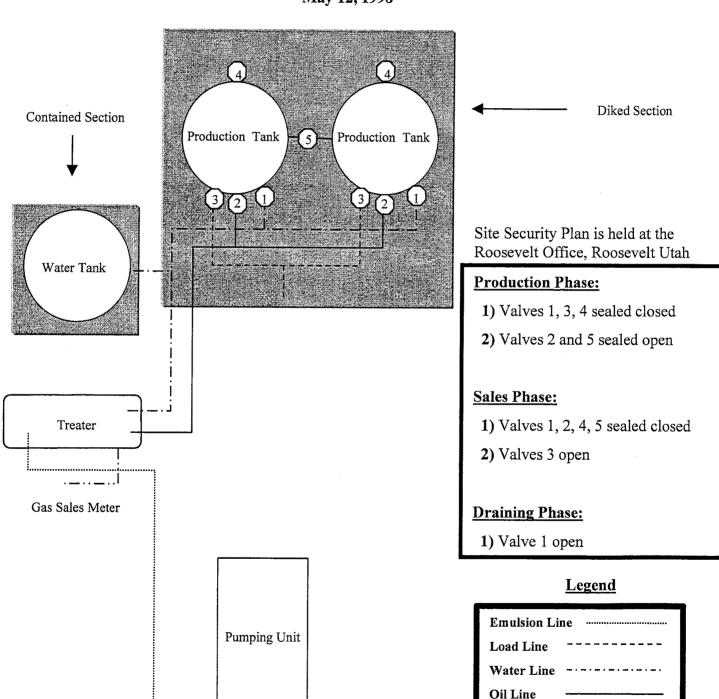
# **Inland Production Company Site Facility Diagram**

Ashley 10-24R

NW/SE Sec. 24, T9S, 15E

Duchesne County

May 12, 1998



Well Head

Gas Sales



## **United States Department of the Interior**



# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-924)

September 16, 2004

Memorandum

To:

Vernal Field Office

From:

Acting Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Milas Lloadas

Michael Coulthard Acting Chief, Branch of Fluid Minerals

#### Enclosure

1. State of Texas Certificate of Registration

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225 State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114 Teresa Thompson Joe Incardine

Connie Seare

45

*	•	.*	• • •	•	
UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	•
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	75023X 76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553·	77236X 77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013·	79641X
020252	39713	67168	74826	79013	80207X
020252A	39714	67170	74827	79014	81307X
020254	40026	67208	74835	79016	013077
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833 <sup>,</sup>	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	•
063597A	49430	70821	75075		
075174	49950	72103	75078		•
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
•	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		
			, 5500		

Corporations Section P.O.Box 13697 Austin, Texas 78711-3697





#### Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.





Secretary of State

# ARTICLES OF AMENDMENT TO THE ARTICLES OF INCORPORATION OF INLAND PRODUCTION COMPANY

In the Office of the Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

#### ARTICLE 1 - Name

The name of the corporation is Inland Production Company.

#### ARTICLE 2 - Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE - The name of the corporation is Newfield Production Company."

ARTICLE 3 - Effective Date of Filing

This document will become effective , upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs, Treasurer

Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

ROUTING

1. GLH 2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

#### X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:	9/1/2004
FROM: (Old Operator):	TO: ( New Operator):
N5160-Inland Production Company	N2695-Newfield Production Company
Route 3 Box 3630	Route 3 Box 3630
Myton, UT 84052	Myton, UT 84052
Phone: 1-(435) 646-3721	Phone: 1-(435) 646-3721
CA No.	Unit:

WELL(S)							-	
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ALLEN TRUST 7-24	24	040S	020W	4301330888	4970	Fee	OW	P
WELLS DRAW ST 7-36	36	080S	150E	4301330934	9730	State	GW	P
JENSEN 1	21	080S	160E	4301316208	10521	Federal	NA	PA
PLEASANT VALLEY 1	21	080S	160E	4301330394	10520	Federal	OW	P
LAMBERT FED 1	22	080S	160E	4301316207	10522	Federal	OW	P
MONUMENT BUTTE ST 16-36R	36	080S	160E	4301310159	11804	State	OW	P
ASHLEY FED 10-24R	24	090S	150E	4301315781	11992	Federal	ow	P
ASHLEY FED 12-24R	24	090S	150E	4301315782	11993	Federal	OW	P
CASTLE PK ST 43-16	16	090S	160E	4301330594	1181	State	OW	P
FEDERAL 9-23	23	090S	160E	4301330654	2655	Federal	OW	P
FEDERAL 7-23	23	090S	160E	4301330662	10629	Federal	ow	S
CASTLE PEAK FED 6-23	23	090S	160E	4301330873	9700	Federal	OW	P
CASTLE PK FED 12-24	24	090S	160E	4301330588	2650	Federal	ow	S
MONUMENT BUTTE 1-3	03	090S	170E	4301330642	12391	Federal	ow	P
MONUMENT BUTTE 2-3	03	090S	170E	4301330810	12391	Federal	ow	P
CASTLE DRAW 16-10-9-17	10	090S	170E	4301316218	8120	Federal	OW	S
FEDERAL 15-1-B	15	090S	170E	4301331023	10201	Federal	OW	S
FRED MORRIS FED 19-1	19	090S	170E	4301330587	451	Federal	OW	S
GOVERNMENT FOWLER 20-1	20	090S	170E	4301330563	9555	Federal	OW	P
FED 41-30	30	090S	170E	4301330601	6095	Federal	OW	P

#### **OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

(R649-8-10) Sundry or legal documentation was received from the FORMER operator on: 9/15/2004
 (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 9/15/2004

3. The new company was checked on the Department of Commerce, Division of Corporations Database on:

2/23/2005

4. Is the new operator registered in the State of Utah:

YES Business Number:

755627-0143

5. If NO, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE		
6b. Inspections of LA PA state/fee well sites complete on:	waived		
•			
7. Federal and Indian Lease Wells: The BLM and or th	e BIA has appr	oved the mer	ger name change
or operator change for all wells listed on Federal or Indian lease		BLM	BIA
or operator change for an work instead of Federal or indian reas-		101111	
8. Federal and Indian Units:	* , , , , , , , , , , , , , , , , , , ,		
The BLM or BIA has approved the successor of unit operator	r for wells listed or	<b>1</b> : 1	n/a
9. Federal and Indian Communization Agreements	("CA"):		
The BLM or BIA has approved the operator for all wells liste	•	1	na/
10. Underground Injection Control ("UIC") The I	Division has appro	ved UIC Form 5	, Transfer of Authority to
Inject, for the enhanced/secondary recovery unit/project for the	e water disposal we	ell(s) listed on:	2/23/2005
DATA ENTRY:			
1. Changes entered in the Oil and Gas Database on:	2/28/2005		
2. Chauses have been entered as the Monthly Openston Chause	Command Obsert on	2/20	2/2005
2. Changes have been entered on the Monthly Operator Change	Spread Sneet on	2/28	3/2005_
3. Bond information entered in RBDMS on:	2/28/2005		
5. Bold information energy in ABBING on.	212012003		
4. Fee/State wells attached to bond in RBDMS on:	2/28/2005		·
5. Injection Projects to new operator in RBDMS on:	2/28/2005		
C Descint of Assertance of Deithing Described for ADD/Norman			
6. Receipt of Acceptance of Drilling Procedures for APD/New on	:	waived	
FEDERAL WELL(S) BOND VERIFICATION:			
1. Federal well(s) covered by Bond Number:	UT 0056		
1. 1 edetal well(s) covered by Bolid Number.	01 0050		
INDIAN WELL(S) BOND VERIFICATION:			
1. Indian well(s) covered by Bond Number:	61BSBDH2912		
FEE & STATE WELL(S) BOND VERIFICATION:			
1. (R649-3-1) The NEW operator of any fee well(s) listed covered	d by Bond Number	r 61BSB	3DH2919
• • • • • • • • • • • • • • • • • • • •	•		<del></del>
2. The FORMER operator has requested a release of liability from	their bond on:	n/a*	
The Division sent response by letter on:	n/a		
			<u> </u>
LEASE INTEREST OWNER NOTIFICATION:			
3. (R649-2-10) The FORMER operator of the fee wells has been of	ontacted and infor	med by a letter f	rom the Division
of their responsibility to notify all interest owners of this change	on:	n/a	
COMMENTS:	NI C.115	1	1.0/00/07
*Bond rider changed operator name from Inland Production Compa	ny to Newfield Pro	oduction Compa	ny - received 2/23/05

8	
PAGE	

INLAND

4356463031

12:50

07/14/2005

STATE OF UTAH DIVISION OF OIL GAS AND MINING DIV. OF OIL, GAS & MINING

OPERATOR: NEWFIELD PRODUCTION COMPANY

OPERATOR ACCT. NO.

N2695

**ENTITY ACTION FORM -FORM 6** 

ADDRESS: RT. 3 BOX 3630 MYTON, UT 84052

									_		
ACTION CODE	CURRENT ENTITY NO.	KEW EMITYNO.	APINUMBER	WELLNAME			WELL	LOCATION		SPJD	EFFECTIVE
	2				QQ	sc	TP P	₹G	COUNTY	DATE	DATE
С	14609	12419	43-013-32483	Ashley Federal 3-24-9-15	NEWW	24	98	15E	Duchesne		4/1/2005
METT . C	XXMENTS:	GRRU		-				<del></del>			
		0,2,00									7/15/05
ACTON	CURREKT	KEW	API N'JMBER	WELL HAME	T	- 4	VELL LOCAT	TON			
CODE	ENTITY RO.	ENTITY NO.			32	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE
	44500							1	- GJANI	DATE	DATE
C	14598	12419	43-013-32484	Ashley Federal 5-24-9-15	SWNW	24	98	15£	Duchesne		4/1/2005
WELL 2 C	XXX-MENTS. /	SRRV									
	(	31400									1/15/05
ACTION	CURRENT	NEW.	APINUMBER	WELL NAME	· · · · · · · · · · · · · · · · · · ·		14.000				
CODE	ERTHY RO.	EKTITY RO.		V-1467	ap	80	TP	OCATION RG	COUNTY	SPUQ	EFFECTIVE
								NG.	COUNTY	DATE	DATE
С	14608	12419	43-013-32485	Ashley Federal 7-24-9-15	SWINE	24	95	15E	Duchesne		4/1/2005
METT 3 C	COMMENTS:	GRRV					· · · · · · · · · · · · · · · · · · ·				7/1/2003
		GM									7/15/05
L											// /50
ACT ON	CURRENT	NEW.	AP NUMBER	WELL RAME			WELL	NCITAÇO		\$PUD	
<b>  </b>		<del> </del>								ծ <b>ու</b> մը	EFFECTIVE DATE
c	11992	12419	43-013-15781								
	Same of the same o		49-019-19/01	Ashley Federal 10-24R-9-15	NW/SW	24	98	15E	Duchesne		4/1/2005
1	/ /	SKRV .									2/1
	`	3/9/00									1/15/05
NCITCA	CURRENT	NEW:	API NUMEER								/ · - / • •
E C	EKTITY KO.	EKLILA HO	W-1 MOMECU	WELL HAME	ap			OCATION		CIPS	EFFECTIVE
					444	90	TF	RG	COUNTY	DATE	DATE
C	11993	12419	43-013-15782	Ashley Federal 12-24R-9-15	NWISW	24	98	15E	Dunkana		
WELL ! C	OMMENTS:	2001			1 145 GAG	2.7	30	ISE	Duchesne		4/1/2005
	6	SPRV									7/15/03
									1		1/13/00
ACTION O	ODES (See instruct	ions on teck of form)								<u> </u>	
5. <i>i</i>	constant new entry i Addings well to exist	for new well (single well or ing entity (group or unit w	Kyl eve						A. Alsk	ra. Centar	•
		- drown i fermhru filith	54 <b>1</b>						MININ	! \\.\\ <i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	

- C Ke-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entry to a new entry
- E. Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/59)

Kebbie S. Jones

Production Clerk

July 14, 2005 Date



March 30, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Ashley Federal #10-24R-9-15

Monument Butte Field, Lease #UTU-02458

Section 24-Township 9S-Range 15E

Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #10-24R-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

APR 0 3 2012

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL ASHLEY FEDERAL #10-24R-9-15 MONUMENT BUTTE FIELD (GREEN RIVER) FIELD LEASE #UTU-02458

MARCH 30, 2012

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#### STATE OF UTAH DIVISION OF OIL, GAS AND MINING

#### APPLICATION FOR INJECTION WELL - UIC FORM 1

#### **RECEIVED**

AUS 3 1 2012

OPERATOR	Newfield Production Company
ADDRESS	1001 17th Street, Suite 2000
	Denver, Colorado 80202

DIV. OF OIL, GAS & MINING

Well Name and nu		Ashley Fed		24R-9-15			<u></u>		
Field or Unit name	: Monument B	utte (Green	River)	· · · · · · · · · · · · · · · · · · ·			Lease No.	UTU-0245	58
Well Location: QC	NWSE	_ section	24	township	<u>9</u> \$	_range	15E	county	Duchesne
Is this application t	for expansion o	f an existing	project?			Yes [X]	No [ ]	11 than .	
Will the proposed			Enhance Disposal?	d Recovery?		Yes [X]	No[] No[X]		
Is this application to the second sec	s for an existing t been perform	well,							
Proposed injection Proposed maximul Proposed injection mile of the well.	m injection:	from rate [x ] oil, [ ] g	3877 500 bpd as, and/or	to pressure [ ] fresh wa	4940 1747 ater within	_ _psig 1/2			
	IMPOR	ΓANT:		l information ny this form.	as require	d by R615	-5-2 should		
List of Attachments	s:	Attachmen	ts "A" thro	ough "H-1"					
I certify that this re	port is true and	complete to	the best	of my knowle	edge.				
Name: <u>Eri</u> Title Re	c Sundberg gulatory Lead 03) 893-0102			Signature Date		4/2/201	12		
(State use only) Application approv Approval Date	ed by	·				_Title -			
Comments:	<del></del>			<u> </u>					7

#### Ashley Federal #10-24R

#### Formerly Castle Peak Unit #1

Casing Shoe @ 210'

TOC @ 3525'

Proposed Injection Wellbore Diagram

Initial Production: 44 BOPD, 33 MCFPD, 5 BWPD

#### SURFACE CASING

Recompletion Date: 9/24/96

Put on Production: 10/15/96

GL: 6259.7' KB: 6268'

CSG SIZE: 13-3/8" GRADE: ? WEIGHT:48# LENGTH: ? its. DEPTH LANDED: 2103 HOLE SIZE:17-1/4" CEMENT DATA: 300 sx

#### FRAC JOB

10/4/96 4820'-4831' Frac B-2 sand as follows: 34,000# of 20/40 sand in 210 bbls of Boragel. @ 18 bpm. Well screened out w/6# on formation, Est. 26,800# in formation & 7200# left ion tbg. Flowed

well back until died.

10/8/96 4723'-4731'

Frac C sand as follows: Screened out on 5# sd w/10,600# of 20/40 sd in formation. Used 164 bbls of Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi. ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and

10/11/96 4567'-4632'

1/3/03

PACKER @ 4517' 4567' - 4572'

4576' - 4589' 4614' - 4616' 4620' - 4632' 4723'- 4731'

4820'- 4831'

CIBP @ 4940'

6-1/4" Hole

TD @ 8816'

SHOE @ 5020'

Frac D-1 and D-2 sands as follows: 77,700# of20/40 sand in 402 bbls of Boragel. Breakdown @ 3010 psi. Treated @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi. Flowback on 12/64" ck for 10 min and

Tubing Leak. Update tubing and rod

detail

#### PRODUCTION CASING

CSG SIZE: 7" GRADE:J-55 WEIGHT: 23# LENGTH: ? DEPTH LANDED: 5020' HOLE SIZE: ?

CEMENT DATA: 500 sx cement with 1% flac added

CEMENT TOP AT: 3525' per CBL

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5# NO. OF JOINTS: 153 jts (4760.49') TUBING ANCHOR: 4762.68' SEATING NIPPLE; 2-7/8" (1.10') SN LANDED AT: 4795,27' NO. OF JOINTS: 1 jts (4797.17") NO. OF JOINTS: 2 jts (4857.67') TOTAL STRING LENGTH: EOT @ 4858.11'

#### PERFORATION RECORD

10/2/96 4820'-4831' 4 ISPE 10/5/96 4723'-4731' 4 JSPF 32 holes 10/9/96 4567'-4572' 4 JSPF 20 holes 10/9/96 4576'-4589' 4 JSPF 52 holes 10/9/96 4614'-4616' 4 JSPF 8 holes 10/9/96 4620'-4632' 4 JSPF



Ashley Federal #10-24R 1840 FSL 2000 FEL NWSE Section 24-T9S-R15E Duchesne Co, Utah API #43-013-15781; Lease #U-02458

#### WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

### REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17<sup>th</sup> Street, Suite 2000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #10-24R-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Ashley Federal #10-24R-9-15 well, the proposed injection zone is from Garden Gulch to Wasatch (3877' - 5989'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3541' and the Wasatch is at 5989'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #10-24R-9-15 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-02458) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

#### REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 210' KB, and 5-1/2", 15.5# casing run from surface to 5020' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

#### The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1747 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #10-24R-9-15, for existing perforations (4567' - 4831') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1747 psig. We may add additional perforations between 3541' and 5989'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #10-24R-9-15, the proposed injection zone (3877' - 5989') is in the Garden Gulch to the Wasatch of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

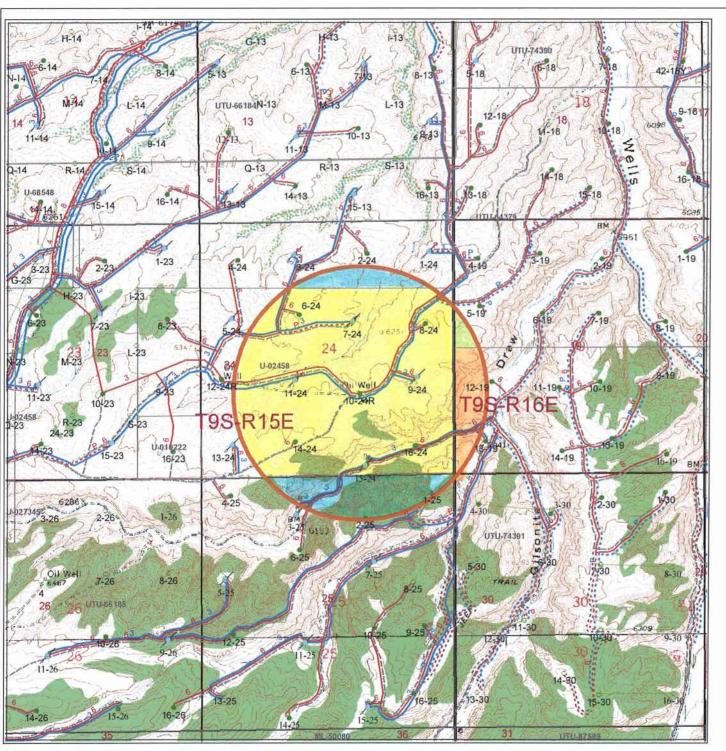
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

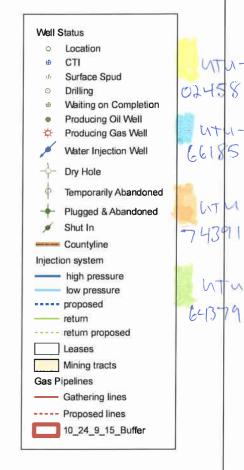
See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

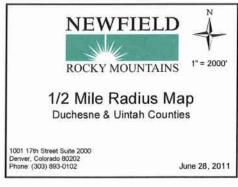
Newfield Production Company will supply any requested information to the Board or Division.



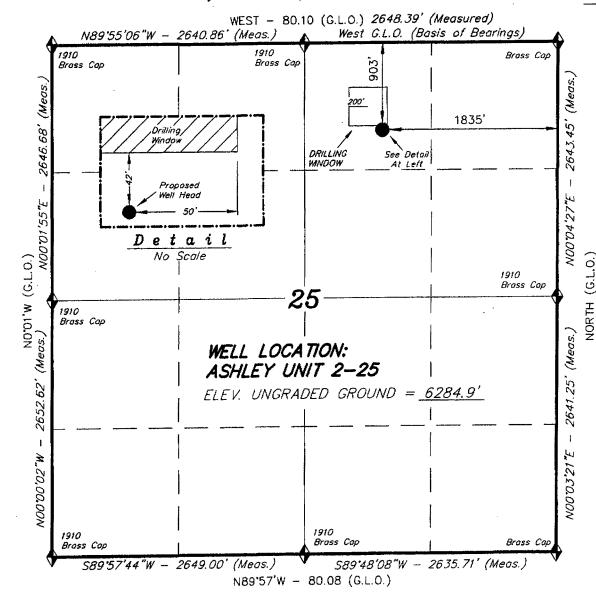
ATTACHMENT A



Ashley 10-24R Section 24, T9S-R15E



## T9S, R15E, S.L.B.&M.



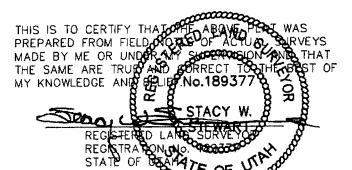
= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

#### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 2-25, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 25, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

# ATTACHMENT A-



#### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

(100) 101 2007						
SCALE: 1" = 1000'	SURVEYED BY: D.P.					
DATE: 7-11-05	DRAWN BY: F.T.M.					
NOTES:	FILE #					

#### **EXHIBIT B**

#	Legal Description	iption Lessor & Expiration Lessee & Operating Rights			
1	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA	
2	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA	
3	T9S-R16E SLM Section 19: E2SW,SE, Lots 3,4 Section 20: S2 Section 29: ALL Section 30: ALL	USA UTU-74391 HBP	ABO Petroleum Corporation Myco Industries Inc Newfield Production Company Newfield RMI LLC Yates Drilling Company Yates Petroleum Corporation	USA	
4	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, lots 3,4 Section 19: NE, E2NW, Lots 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA	

#### ATTACHMENT C

#### CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Application for Approval of Class II Injection Well Ashley Federal #10-24R-9-15
I hereby one-half	certify that a copy of the injection application has been provided to all surface owners within a mile radius of the proposed injection well.
Signed:_	Newfield Production Company Eric Sundberg Regulatory Lead
Sworn to	o and subscribed before me this 2nd day of April , 2012.
Notary F	Public in and for the State of Colorado:
My Com	nmission Expires: 02/10/2013

#### Ashley Federal #10-24R

Recompletion Date: 9/24/96 GL: 6259.7' KB: 6268' Put on Production: 10/15/96

Formerly Castle Peak Unit #1

Initial Production: 44 BOPD, 33 MCFPD, 5 BWPD

#### Put on Production: 10/15/96 Wellbore Diagram SURFACE CASING FRAC JOB CSG SIZE: 13-3/8" 10/4/96 4820'-4831' Frac B-2 sand as follows: GRADE: ? 34,000# of 20/40 sand in 210 bbls of Boragel. @ 18 bpm. Well screened out WEIGHT:48# w/6# on formation. Est. 26,800# in formation & 7200# left ion tbg. Flowed Casing Shoe @ 210' LENGTH: ? its. well back until died. DEPTH LANDED: 210 10/8/96 4723'-4731' Frac C sand as follows: HOLE SIZE:17-1/4" Screened out on 5# sd w/10,600# of CEMENT DATA: 300 sx 20/40 sd in formation. Used 164 bbls of Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi. ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and 10/11/96 4567'-4632' Frac D-1 and D-2 sands as follows: 77,700# of20/40 sand in 402 bbls of PRODUCTION CASING Boragel. Breakdown @ 3010 psi. Treated CSG SIZE: 7' @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi Flowback on 12/64" ck for 10 min and GRADE: L-55 WEIGHT: 23# 1/3/03 Tubing Leak. Update tubing and rod LENGTH: ? DEPTH LANDED: 5020' HOLE SIZE: ? CEMENT DATA: 500 sx cement with 1% flac added CEMENT TOP AT: 3525' per CBL **TUBING** TOC @ 3525' SIZE/GRADE/WT .: 2-7/8" / M-50 / 6.5# PERFORATION RECORD NO. OF JOINTS: 153 its (4760.49') 10/2/96 4820'-4831' 4 ISDE 44 holes TUBING ANCHOR: 4762,68" 10/5/96 4723'-4731' 4 JSPF 32 holes 10/9/96 4567'-4572' 4 JSPF SEATING NIPPLE: 2-7/8" (1.10") 20 holes 10/0/06 4576'-4589' 4 JSPF SN LANDED AT: 4795.27' 4614'-4616' 10/9/96 4 ISPE 8 holes 4620'-4632' NO. OF JOINTS: 1 jts (4797.17") 4 ISPF NO. OF JOINTS: 2 jts (4857.67') 4567' - 4572' TOTAL STRING LENGTH: EOT @ 4858.11' 4576' - 4589' 4614' - 4616' 4620' - 4632' 4723'- 4731' SUCKER RODS ANCHOR @ 47633 SN @ 4795' POLISHED ROD: 1-1/2" x 22' SUCKER RODS: 1 - 2', 1 -6', 1 - 4' x 3/4" pony rods, 115-3/4" scrapered, 60-4820'- 4831' 3/4" plain rods, 10-3/4" scrapered rods, 6- 1 1/2" weight bars. EOT @ 4858' PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC PMP STROKE LENGTH: 74" CIBP @ 4940' PUMP SPEED, SPM: 4 SPM LOGS: CBL, GR - SHOE @ 5020' 6237 6-1/4" Hole

TD @ 8816'

Ashley Federal #10-24R 1840 FSL 2000 FEL NWSE Section 24-T9S-R15E Duchesne Co, Utah API #43-013-15781; Lease #U-02458

NEWFIELD

#### Ashley Federal 6-24-9-15

Spud Date: 07/03/06 Initial Production: BOPD, Put on Production: 08/09/06 Wellbore Diagram MCFD, BWPD K.B.: 6253, G.L.: 6241 SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 08/03/06 5690-5705 Frac CP4 sands as follows: GRADE: J-55 Cement Top@ 823 45123# 20/40 sand 428 bbls Lightning 17 frac fluid. Treated@ avg press of 1888 psi w/avg rate of 25 BPM. ISIP 1825 psi. Calc flush: 5703 gal. Actual flush: 5208 gal. WEIGHT: 24# LENGTH: 7 jts. (310.14') DEPTH LANDED: 321,99' KB 08/03/06 5586-5607 Frac CP2 sands as follows: Casing Shoe @ 322' 55280# 20/40 sand in 468 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1869 psi w/avg rate of 25 BPM. ISIP 1930 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5605 gal. Actual flush: 5040 gal. Frac LODC sands as follows: 08/03/06 5094-5176 109900#20/40 sand in 779 bbls Lightning 17 frac fluid. Treated @ avg press of 2124 psi w/avg rate of 25 BPM. ISIP 2350 psi. Calc flush: 5174 gal. Actual flush: 4578 gal. 08/03/06 4810-48883 Frac B1, B2 sands as follows: 135567# 20/40 sand in 929 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 1605 psi w/avg rate of 25.3 BPM. ISIP 1720 psi. Calc CSG SIZE: 5-1/2' flush: 4886 gal. Actual flush: 4284 gal. GRADE: J-55 08/04/06 4034-4044 Frac GB4 sands as follows: WEIGHT: 15.5# 52617# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated@ avg press of 1691 psi LENGTH: 137 jts. (5976.93') w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc DEPTH LANDED: 5990.18' KB flush: 4042 gal. Actual flush: 3906 gal. HOLE SIZE: 7-7/8' CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ CEMENT TOP: 82° 04/04/07 Pump Change: Rod & tubing detail updated. 5-15-07 Pump Change: Rod & tubing detail updated. 04-08-10 Parted Rods: Rod & tubing detail updated. **TUBING** 01/26/11 Pump Change: Rod & tubing detail updated. SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 179 jts (5663.5') TUBING ANCHOR: 5663.5' KB NO. OF JOINTS: 2 jts (63.40') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5729.7.' KB NO. OF JOINTS: 2 jts (63.40') 4034-4044 TOTAL STRING LENGTH: EOT @ 5795.' KB 4810-4817 PERFORATION RECORD SUCKER RODS 4850-48663 4870-4874 07/27/06 5690-5705" 4 JSPF 60 holes 08/03/06 5586-5607' 4 JSPF 84 holes POLISHED ROD: 1-1/2" x 26' SM 4884-4888 08/03/06 5160-5176 SUCKER RODS: 1-4, 1-6', x 3/4" pony rods, 99-3/4" 4 per guided rods, 88-5094-5109' 4 ISPF 64 holes 5149-5156 08/03/06 4 JSPF 28 holes 3/4" sucker rods, 35-3/4" guided rods, 6-1 1/2" sinker bars. 1-1" x 4' 3 per pony 5149-5156' 08/03/06 5094-5109 4 JSPF 40 holes PUMP SIZE: 2-1/2" x 1-1/2" x 13' x 16' RHAC w/SM plunger 08/03/06 4884-48883 4 JSPF 16 holes 5160-5176 08/03/06 4870-48743 4 ISPE 16 holes STROKE LENGTH: 86' 08/03/06 4850-48663 4 JSPF 64 holes PUMP SPEED, 5 SPM: 08/03/06 4810-4817 28 holes 5586-5607 08/03/06 4034-4044 4 JSPF 40 holes Anchor @ 5664 5690-5705 SN @ 5730' EOT @ 5795' **NEWFIELD** PBTD @ 5945' Ashley Federal 6-24-9-15 TD @ 6012' 1913' FNL & 2076' FWL SE/NW Section 24-T9S-R15E Duchesne Co. Utah API #43-013-32874; Lease #UTU-02458

#### Ashley Federal 7-24-9-15

Spud Date: 3-7-05 Initial Production: 71 BOPD, Put on Production: 5-4-05 Injection Wellbore 22 MCFD, 96 BWPD GL: 6206' KB: 6218' Diagram FRAC JOB 4-26-05 5560-5640 Frac CP2 & CP 3 sand as follows: 90655#'s 20/40 sand in 685 bbls Lightning 17 frac fluid. Treated@ avg press of 1734 psi SURFACE CASING w/avg rate of 25 BPM, ISIP 1920 psi, Calc flush: 5558 gal. Actual flush: 5376 gal. CSG SIZE: 8-5/8" 4-26-05 4831-4862 Frac B2 sand as follows: GRADE: J-55 84061#'s 20/40 sand in 631 bbls Lightning WEIGHT: 24# 17 frac fluid. Treated@ avg press of 1880 psi w/avg rate of 25.2 BPM, ISIP 2230 psi, Calc LENGTH: 7 jts. (296.01') flush: 4829 gal. Actual flush: 4700 gal. DEPTH LANDED: 306.91' KB Cement Top @ 1000' Frac C, sand as follows: 4-26-05 4706-4716 HOLE SIZE:12-1/4" 20554#'s 20/40 sand in 248 bbls Lightning 17 frac fluid. Treated@ avg press of 2559 psi CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. w/avg rate of 25 BPM, ISIP 2500 psi. Calc flush: 4704 gal. Actual flush: 4578 gal. 4-26-05 4552-4625 Frac D1 &D2 sand as follows: PRODUCTION CASING 93372#'s 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated@ avg press of 1840 psi CSG SIZE: 5-1/2' w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc GRADE: J-55 flush: 52220 gal. Actual flush:4548 gal. WEIGHT: 15.5# 5-23-05 Pump Change. Update rod and tubing detail. LENGTH: 164 jts. (5907.41') 1/10/07 Well converted to an Injection well. MIT DEPTH LANDED: 5908,70' KB completed and submitted. HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ. CEMENT TOP AT: 1000' TUBING SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 136 jts (4491.93') Packer @ 4508' SEATING NIPPLE: 2-7/8" (1.10") EOT @ 4512' SN LANDED AT: 4503.93' KB TOTAL STRING LENGTH: EOT @ 4512.13' KB 4552-4566 4620-4625 4706-4716 4831-4837 PERFORATION RECORD 4854-4862 4-15-05 5560-5572' 4 JSPF 48 holes 4-15-05 5625-5640' 4 JSPF 60 holes 4-26-05 4831-4837' 4 JSPF 24 holes 4-26-05 4854-4862' 4 JSPF 32 holes 4-26-05 4706-4716' 4 JSPF 40 holes 4-26-05 4552-4566' 4 JSPF 56 holes 4-26-05 4620-4625 4 JSPF 20 holes 5560-5572 5625-5640` NEWFIELD PBTD @ 5873' Ashley Federal 7-24-9-15 2067' FNL & 2095' FEL SHOE @ 59097 SW/NE Section 24-T9S-R15E TD @ 5928 Duchesne Co, Utah

API #43-013-32485; Lease #UTU-02458

#### Ashley Federal 8-24-9-15

Spud Date: 7-5-06 Initial Production: BOPD, Put on Production: 9-1-06 Wellbore Diagram MCFD, BWPD GL: 6201' KB: 6213' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 08-29-06 5257-5272' Frac LODC sands as follows: Casing Shoe @ 321 GRADE: J-55 40499# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2365 psi w/avg rate of 25 BPM. ISIP 2475 psi. Calc WEIGHT: 24# Cement top @ 350' flush: 5255 gal. Actual flush: 4746 gal. LENGTH: 7 its (309.21') DEPTH LANDED: 321.06' KB 08-29-06 4960-4972 Frac A1 sands as follows: 70637# 20/40 sand in 522 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1895 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4958 gal, Actual flush: 4444 gal. CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. 08-29-06 4682-4750° Frac C, & D3 sands as follows: 34614# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2035psi w/avg rate of 24.9 BPM. ISIP 1750 psi. Calc flush: 4680 gal. Actual flush: 4162 gal. PRODUCTION CASING 08-29-06 4572-45863 Frac D1 sands as follows: CSG SIZE: 5-1/23 75771# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 w/ avg rate of 25 BPM. ISIP 2025 psi. Calc GRADE: J-55 WEIGHT: 15.5# flush: 4570 gal. Actual flush: 4440 gal. LENGTH: 135 jts. (5918.43') DEPTH LANDED: 5931.68' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 350' **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 165 jts (5559.84') TUBING ANCHOR: 5239.99' KB NO. OF JOINTS: 1 its (31.74') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5274.53' KB NO. OF JOINTS: 2 jts (63.37') TOTAL STRING LENGTH: EOT @ 5339.45' KB PERFORATION RECORD SUCKER RODS 08-16-06 5257-5272' 4 JSPF 60 holes 08-29-06 4960-4972' 4 JSPF 48 holes POLISHED ROD: 1-1/2" x 22' SM 08-29-06 4744-4750' 4 JSPF 24 holes SUCKER RODS: 1-8', 1-6', 2-4', & 1-2' X ¾" pony rods, 99- ¾" scrapered 4 JSPF 08-29-06 4682-4687' 20 holes rods, 94- 3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 08-29-06 4572-4586' 4 JSPF 56 holes PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger 4572-4586 STROKE LENGTH: 86" 4682-4687 PUMP SPEED, SPM: 5 SPM 4744-4750 4960-4972 Anchor @ 5240' 5257-5272 SN 5275' EOT @ 5340° NEWFIELD PBTD @ 5910' Ashley Federal 8-24-9-15 TD @ 5965 2130' FNL & 584' FEL SE/NE Section 24-T9S-R15E Duchesne Co, Utah

API # 43-013-32818; Lease # UTU-02458

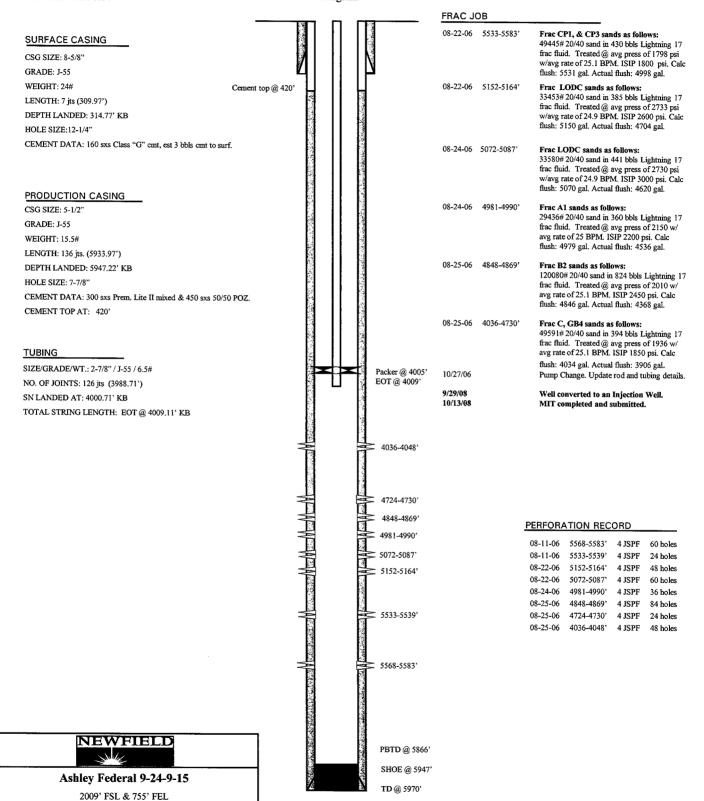
#### Ashley Federal 9-24-9-15

Spud Date: 7-7-06 Put on Production: 8-30-06 GL: 6242' KB: 6254'

> NE/SE Section 24-T9S-R15E Duchesne Co. Utah API # 43-013-32819; Lease # UTU-02458

Injection Wellbore Diagram

Initial Production: BOPD. MCFD, BWPD



#### Ashley Federal 11-24-9-15

Spud Date: 03/28/05 Put on Production: 05/27/05 GL: 6240' KB: 6250'

Injection Wellbore Diagram

Initial Production: BOPD 34, MCFD 107, BWPD 80

FRAC JOB Cement Top @ 114 SURFACE CASING 05/19/05 5528'-5600' Frac CP3 and CP2 sands as follows: 101,424# of 20/40 sand in 794 bbls lightning frac 17 fluid. Treated @ avg press of 1900 GRADE: J-55 w/ avg rate of 24.8 bpm. ISIP 2100 psi. WEIGHT: 24# Calc flush: 5526 gal. Actual flush: 5502 gal. LENGTH: 7 jts. (302.2') 05/19/05 5082'-5174' Frac LODC sands as follows: 120,399# of 20/40 sand in 837 bbls lightning DEPTH LANDED: 312.2 frac 17 fluid. Treated @ avg press of 2495 HOLE SIZE: 12 1/4" w/avg rate of 24.8 bpm. ISIP 2720 psi. Calc flush: 5080 gal. Actual flush: 5124 gal. CEMENT DATA: 160sxs Class G with 2% CaCL. 5 bbls cmt to pit 05/20/05 4938'-4946 Frac A3 sands as follows: 27,296# of 20/40 sand in 305 bbl lightning 17 frac fluid. Treated @ avg press of 2388 w/avg rate of 24.8 bpm. ISIP 2580 psi. Calc flush: 4936 gal. Actual flush: 4956 gal. PRODUCTION CASING Frac B2 sands as follows: 98,819# of 20/40 sand in 706 bbls lightning frac 17 fluid. Treated @ avg press of 1778 w/avg rate of 25 bpm. ISIP 2000 psi. Calc 05/20/05 4791'-4819' CSG SIZE: 5 1/2" GRADE: I-55 WEIGHT: 15.5# flush: 4789 gal. Actual flush: 4830 gal. LENGTH: 164 jts. (5839.01') DEPTH LANDED: 5837.01' KB 05/20/05 4366'-4372' Frac X-Stray sands as follows: 35,995# of 20/40 sand in 346 bbls lightning 17 frac fluid. Treated @ avg press of 2485 w/avg rate of 24.7 bpm. ISIP 1490 psi. Calc HOLE SIZE: 7 7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. flush: 4364 gal. Actual flush: 4284 gal. CEMENT TOP AT: 114' 11-30-05 Pump change: Update rod and tubing details. 12-12-05 Water Isolation. Packer @ 4319 **TUBING** 6-16-06 Re-Completion: Update rod and tubing detail EOT @ 4336' 09-29-06 Pump Change: Updated tubing and rod detail, SIZE/GRADE/WT .: 2 7/8" / J-55 / 6.5# 12-1-06 Pump Change: Updated tubing and rod detail. NO. OF JOINTS: 131 jts (4303') 4/24/07 Well converted to an Injection well. MIT completed and submitted on 5/14/07. SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 4334.80' KB TOTAL STRING LENGTH: 4336.35' w/ 12' KB 4694'-4698' 4791-4819 4938'-4946' 5082'-5088' 5120'-5132' 5151'-5164' 5169'-5174' PERFORATION RECORD 05/09/05 5593'-5600' 28 holes 05/09/05 5528'-5558' 2 JSPF 28 holes 5528'-5558' 05/19/05 5169'-5174' 4 JSPF 20 holes 05/19/05 5151'-5164' 52 holes 5593'-5600' 05/19/05 5120'-5132' 4 ISPE 48 holes 05/19/05 5082'-5088' 4 JSPF 24 holes 05/19/05 4938'-4946' 4 JSPF 32 holes 05/20/05 4694'-4698' 4 JSPF 16 holes (No Frac) 05/20/05 4791'-4819' 4 ISPE 112 holes 05/20/05 4366'-4372' 4 JSPF 24 holes NEWFIELD Top of Fill & PBTD @ 5800'

SHOE @ 5837'

TD @ 5860'

**ASHLEY FEDERAL 11-24-9-15** 

1981' FSL & 1980' FWL NE/SW Section 24-T9S-R15E Duchesne Co, Utah API #43-013-32424; Lease #UTU-02458

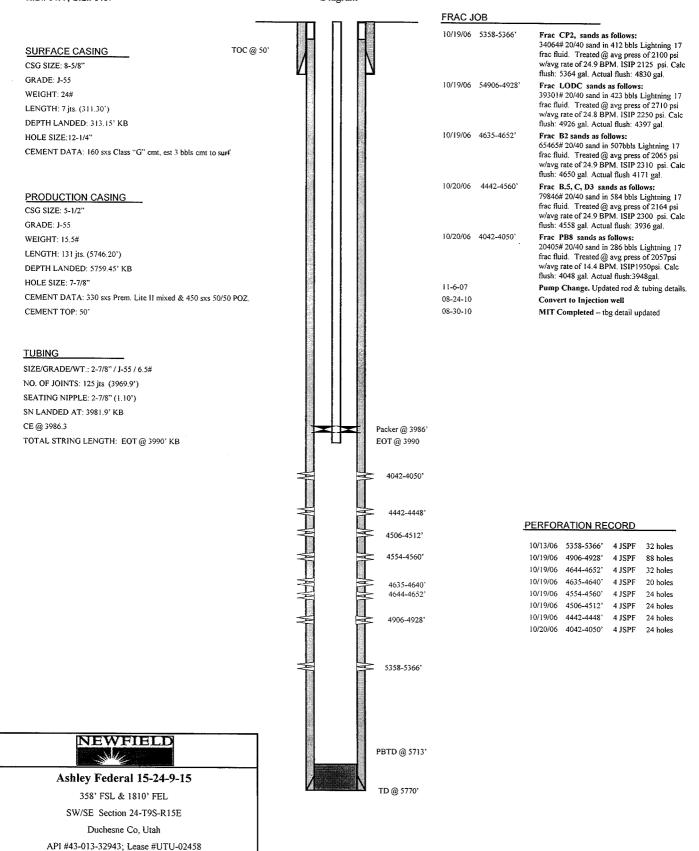
#### Ashley Federal 14-24-9-15

Spud Date: 7-11-06 Initial Production: BOPD, Put on Production: 8-23-06 Wellbore Diagram MCFD. BWPD GL: 6312' KB: 6324' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 08-17-06 5356-5452 Frac CP1, LODC sands as follows: GRADE: J-55 59208# 20/40 sand in 561 bbls Lightning 17 frac fluid. Treated @ avg press of 1838 psi w/avg rate of 25 BPM. ISIP 2100 psi. Calc flush: 5356 gal. Actual flush: 4872 gal. WEIGHT: 24# Cement top @ 100' LENGTH: 7 its (310.55') DEPTH LANDED: 322,40' KB 08-17-06 5210-52233 Frac LODC sands as follows: 64716# 20/40 sand in 518 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated@ avg press of 2884 psi w/avg rate of 24.8 BPM. ISIP 3100 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 5208 gal. Actual flush: 4746 gal. 08-17-06 5056-5070 Frac LODC sands as follows: 34203# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2277 psi w/avg rate of 24.9 BPM. ISIP 2650 psi. Calc flush: 5054 gal. Actual flush: 4578 gal. PRODUCTION CASING Frac B2 sands as follows: CSG SIZE: 5-1/2' 08-17-06 4800-48123 39247# 20/40 sand in 417 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1885 w/ avg rate of 24.9 BPM, ISIP 2000 psi. Calc WEIGHT: 15.5# flush: 4798 gal. Actual flush: 4326 gal. LENGTH: 137 jts. (5942.68') 08-17-06 4707-4715' Frac C sands as follows: DEPTH LANDED: 5955.93' KB 42615# 20/40 sand in 424 bbls Lightning 17 HOLE SIZE: 7-7/8" frac fluid. Treated@ avg press of 2291 w/ avg rate of 25 BPM. ISIP 2150 psi. Calc CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ flush: 4705 gal. Actual flush: 4620 gal. CEMENT TOP AT: 100' 10/28/10 Pump Change. Rod & tubing updated. TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4707-4715 NO. OF JOINTS: 170 its (5384.') 4800-4812 TUBING ANCHOR: 5384' KB NO. OF JOINTS: 2 jts (63.39') SEATING NIPPLE: 2-7/8" (1.10') = 5056-5070° SN LANDED AT: 5450 2' KB NO. OF JOINTS: 2 its (63.25') 5210-5223 TOTAL STRING LENGTH: EOT @ 5515.' KB 5356-5375 Anchor @ 5384 PERFORATION RECORD SUCKER RODS SN 5450' 5440-5452 08-04-06 5440-5452' 4 JSPF 48 holes 08-04-06 5356-5375' 4 JSPF 76 holes POLISHED ROD: 1-1/2" x 22' SM SUCKER RODS: 1-2', 1-4', 1-6', 1-8' X %" pony rods, 100- %" Norris guided rods, 101-3/4" guided rods, 10- %" guided rods, 6-1 %" sinker bars. 08-17-06 5210-5223' 4 ISPF 52 holes 5056-5070' 4 JSPF 56 holes 08-17-06 4800-4812' PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger 4 ISPF 48 holes 08-17-06 4707-4715' 4 JSPF 32 holes STROKE LENGTH: 86" PUMP SPEED, SPM: 4.5 SPM EOT @ 55157 NEWFIELD PBTD @ 5934' SHOE @ 5955' Ashley Federal 14-24-9-15 TD @ 5975' 706' FSL & 1978' FWL SE/SW Section 24-T9S-R15E Duchesne Co, Utah TW 12/27/10 API # 43-013-32821; Lease # UTU-02458

#### Ashley Federal 15-24-9-15

Spud Date: 09/06/06 Put on Production: 5873 K.B.: 6499, G.L.: 6487

Injection Wellbore Diagram



#### ASHLEY FEDERAL 16-24-9-15

Spud Date: 09/02/06 Initial Production: BOPD, Put on Production: 10/24/06 Wellbore Diagram MCFD. BWPD GL: 6080' KB: 6092' **SURFACE CASING** FRAC JOB CSG SIZE: 8-5/8" 10/17/06 4724-4732 Frac A1 sands as follows: GRADE: J-55 34968# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2380 psi WEIGHT: 24# Cement Top @ 190 w/avg rate of 25 BPM. ISIP 2800 psi. Calc LENGTH: 7 jts. (311.45') flush: 4722 gal. Actual flush: 4662 gal. DEPTH LANDED: 323,30' KB 10/17/06 4614-4622 Frac B2 sands as follows: 34408# 20/40 sand in 371 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2140 psi CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. w/avg rate of 24.9 BPM, ISIP 2050 psi. Calc flush: 4612 gal. Actual flush: 4116 gal. 10/17/06 4506-4514' Frac D3 sands as follows: 69835# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4504 gal. Actual flush: 3990 gal. 10/17/06 4342-4354' Frac D1 sands as follows: PRODUCTION CASING 79810#20/40 sand in 578 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25 BPM, ISIP 2300 psi, Calc CSG SIZE: 5-1/2" flush: 4340 gal. Actual flush: 3864 gal. GRADE: J-55 10/17/06 4264-4275 Frac DS2 sands as follows: WEIGHT: 15.5# 48615# 20/40 sand in 403 bbls Lightning17 frac fluid. Treated @ avg press of 2460 psi w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc LENGTH: 130 jts. (5697.47') DEPTH LANDED: 5710.72' KB 4264-4275 flush: 4262 gal. Actual flush: 4158 gal. HOLE SIZE: 7-7/8' 12-13-07 Pump Change. Updated rod & tubing details. CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 4342-4354' 10/23/08 Tubing Leak. Updated rod & tubing details. CEMENT TOP: 190' 4458-44653 **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 149 jts (4697.17') 4506-4514 TUBING ANCHOR: 4709.17' KB NO. OF JOINTS: 1 jts (31.53') SEATING NIPPLE: 2-7/8" (1.10') 4614-4622 SN LANDED AT: 4743.50' KB NO. OF JOINTS: 2 its (62.99') TOTAL STRING LENGTH: EOT @ 4808.04' KB Anchor @ 4709' PERFORATION RECORD SUCKER RODS 10/03/06 4724-4732' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 22' SM 10/17/06 4614-4622' 4 ISPF 32 holes 4724-4732 SUCKER RODS: 1-2' x ¾" pony rod, 100-3/4" scrapered rods, 73-3/4" plain 10/17/06 4506-4514' 4 JSPF 32 holes rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 10/17/06 4458-4465' 4 JSPF 28 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15 1/2' RHBC 10/17/06 4342-4354' 4 JSPF 48 holes 10/17/06 4264-4275' 4 JSPF 44 holes STROKE LENGTH: 84" PUMP SPEED, 5 SPM: SN 4744' EOT @ 4808' PBTD @ 5695' NEWFIELD SHOE @ 5711' **ASHLEY FEDERAL 16-24-9-15** TD @ 5760' 590'FSL & 799' FEL SE/SE Section 24-T9S-R15E Duchesne Co, Utah

API #43-013-32944; Lease #UTU-02458

#### Ashley Federal 2-25-9-15

Spud Date:10/2/2006 Initial Production: Put on Production: 12/01/06 Wellbore Diagram MCFD, BWPD GL: 6285' KB: 6297' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 11/20/06 5368-5385 Frac CP1 sands as follows: GRADE: J-55 75,582# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated@ avg press of 2013 psi WEIGHT: 24# w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc LENGTH: 7 jts. (310.21') flush: 5366 gal. Actual flush: 4860 gal. Cement Top @ 54 Frac LODC sands as follows: DEPTH LANDED: 322.64' KB 11/20/06 5098-5106 35,023# 20/40 sand in 405 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2560 psi CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. w/avg rate of 24.6 BPM. ISIP 2660 psi. Calc flush: 5096 gal. Actual flush: 4591 gal. Frac D2 sands as follows: 11/20/06 4529-4540 59,760# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.9 BPM. ISIP 2240 psi. Calc flush: 4527 gal. Actual flush: 4035 gal. 11/20/06 4403-4410 Frac DS3 sands as follows: 19,609# 20/40 sand in 291 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 2285 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc CSG STZE: 5-1/2 flush: 4401 gal. Actual flush: 3940 gal. GRADE: J-55 11/20/06 4252-42623 Frac PB11 sands as follows: WEIGHT: 15.5# 40,121# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 1878 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc LENGTH: 133 jts. (5878.34') DEPTH LANDED: 5891.59' KB flush: 4250 gal. Actual flush: 3746 gal. 11/20/06 3920-39403 Frac GB4 sands as follows: HOLE SIZE: 7-7/8" 47,607# 20/40 sand in 398 bbls Lightning 17 CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ. frac fluid. Treated @ avg press of 1490 psi w/avg rate of 25.1 BPM. ISIP 1570 psi. Calc CEMENT TOP: 54' flush: 3918 gal. Actual flush: 3822 gal. 03/02/07 Pump Change. Update rod and tubing details. 3/17/10 Pump Change. Updated rod and tubing detail. **TUBING** 3920-3940 SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 169 jts (5331.0') TUBING ANCHOR: 5331.0' KB 4252-42623 NO. OF JOINTS: 1 its (31,10') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5364.9' KB 4403-4410 NO. OF JOINTS: 2 jts (63.1') TOTAL STRING LENGTH: EOT @ 5430' KB 4529-4540 5098-5106 PERFORATION RECORD SUCKER RODS 11/16/06 5368-5385' 4 JSPF 68 holes POLISHED ROD: 1-1/2" x 22' Polish Rod 11/20/06 5098-5106' 4 JSPF 32 holes SUCKER RODS: 1-4' x ¾" pony rod, 1-6' x ¾" pony rod, 100- ¾" guided 11/20/06 4529-4540' 4 JSPF 44 holes Anchor @ 5331' rods, 78- 34" sucker rods, 30- 34" guided rods, 6- 1 1/2" weight bars 11/20/06 4403-4410 4 JSPF 28 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' x 16' RHAC 11/20/06 4252-4262' 4 JSPF 40 holes SN 5365' 5368-5385 11/20/06 3920-3940' 4 JSPF STROKE LENGTH: 86" 80 holes PUMP SPEED, SPM: 4 EOT @5430' PBTD @ 5740' NEWFIELD SHOE @ 5892' Ashley Federal 2-25-9-15 TD @ 5910 903'FNL & 1835' FEL NW/NE Section 25-T9S-R15E Duchesne Co. Utah API #43-013-32883; Lease #UTU-66185

#### **Multi-Chem Analytical Laboratory**

1553 East Highway 40 Vernal, UT 84078

ATTACHMENT F

10f4 multi-chem A HALLIBURTON SERVICE

#### Water Analysis Report

Production Company: Well Name:

**NEWFIELD PRODUCTION ASHLEY INJECTION** 

Sample Point: Sample Date:

Sample ID:

Commingled 2/7/2012

WA-206524

Sales Rep: Darren Betts Lab Tech: Gary Peterson

> Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specif	fics
Test Date:	2/9/2012
System Temperature 1 (°F):	300.00
System Pressure 1 (psig):	300.00
System Temperature 2 (°F):	70.00
System Pressure 2 (psig):	14.70
Calculated Density (g/ml):	1.01
pH:	8.30
Calculated TDS (mg/L):	12947.45
CO2 in Gas (%):	0.00
Dissolved CO <sub>2</sub> (mg/L)):	0.00
H <sub>2</sub> S in Gas (%):	0.00
H2S in Water (mg/L):	0.50

	Analysis @ Prop	perties in Sample Specifics	
Cations	mg/L	Anions	mg/L
Sodium (Na):	4748.15	Chloride (CI):	6800.00
Potassium (K):		Sulfate (SO <sub>4</sub> ):	30.00
Magnesium (Mg):	16.70	Bicarbonate (HCO <sub>3</sub> ):	1220.00
Calcium (Ca):	60.50	Carbonate (CO <sub>3</sub> ):	0.00
Strontium (Sr):		Acetic Acid (CH3COO)	0.00
Barium (Ba):	33.10	Propionic Acid (C2H5COO)	0.00
Iron (Fe):	1.43	Butanoic Acid (C3H7COO)	0.00
Zinc (Zn):		Isobutyric Acid ((CH3)2CHCOO)	0.00
Lead (Pb):		Fluoride (F):	0.00
Ammonia NH3:		Bromine (Br):	0.00
Manganese (Mn):		Silica (SiO2):	0.00

Notes:

P=5.55mg/l

(PTB = Pounds per Thousand Barrels)

			cium oonate	Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4-2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ
70	14	1.26	36.82	1.65	18.18	1.96	0.44	1.42	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	46	1.32	38.17	1.42	17.38	1.75	0.43	1.56	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	78	1.40	40.60	1.25	16.55	1.63	0.43	1.71	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	109	1.49	43.19	1.12	15.78	1.56	0.42	1.86	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	141	1.60	45.64	1.03	15.15	1.54	0.42	2.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	173	1.73	47.78	0.96	14.69	1.56	0.42	2.13	1.03	0.00	0.00	0.00	0.00	0.00	0.00		0.00
223	204	1.86	49.48	0.93	14.40	1.61	0.43	2.25	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	236	2.00	50.71	0.92	14.29	1.68	0.43	2.36	1.03	0.00	0.00	0.00	0.00	0.00	0.00		
274	268	2.15	51.56	0.92	14.32	1.77	0.43	2.46	1.04	0.00	0.00	0.00	0.00			0.00	0.00
300	300	2.31	52.11	0.94	14.45	1.87	0.44	2.55	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		Hemil	ovdrate	Δah	drate	Cal	cium		ine.	100	495.20		Waller of the last				

			hydrate 4~0.5H2 O	Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	204	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	236	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	268	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

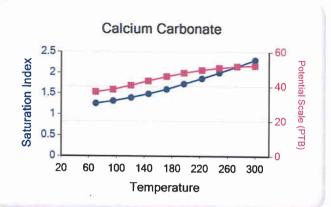
## ATTACHMENT P

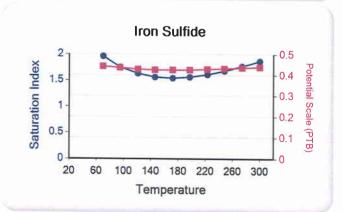
#### **Multi-Chem Analytical Laboratory**

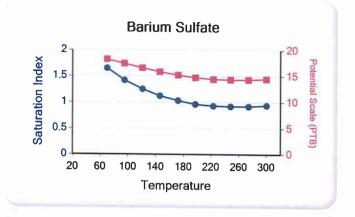
1553 East Highway 40 Vernal, UT 84078 2044

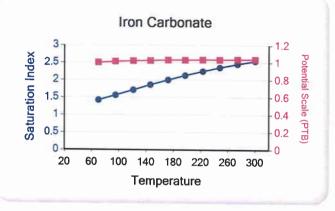


These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate









# ATTACHMENT P

#### **Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078



#### Water Analysis Report

Production Company: **NEWFIELD PRODUCTION (158)** 

Well Name: Ashley Federal 10-24R-9-15

Sample Point: Treater Sample Date: 5 /16/2011 Sales Rep: Darren Betts Lab Tech: John Keel

Test Date:	6/3/2011
Temperature (°F):	70
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0080
pH:	8.3
Turbidity (NTU):	
Calculated T.D.S. (mg/L):	13660
Molar Conductivity (µS/cm):	20697
Resitivity (Mohm):	0.4832

	Analysis @ Propert	alysis @ Properties in Sample Spe			
Cations	mg/L	Anions			
Calcium (Ca):	4.35	Chloride (CI):			
Magnesium (Mg):	1.70	Sulfate (SO 4):			
Barium (Ba):	6.30	Dissolved CO <sub>2</sub> :			
Strontium (Sr):		Bicarbonate (HCO 3):			
Sodium (Na):	5078.00	Carbonate (CO 3):			
Potassium (K):		H <sub>2</sub> S:			
Iron (Fe):	4.20	Phosphate (PO 4):			
Manganese (Mn):	0.10	Silica (SiO <sub>2</sub> ):			
Lithium (Li):		Fluoride (F):			
Aluminum (AI):	•	Nitrate (NO 3):			
Ammonia NH <sub>3</sub> :	•	Lead (Pb):			
		Zinc (Zn):			
		Promino (Pr):			

Anions	mg/L
Chloride (CI):	7000.00
Sulfate (SO 4):	28.00
Dissolved CO <sub>2</sub> :	•
Bicarbonate (HCO 3):	1537.00
Carbonate (CO 3):	
H <sub>2</sub> S:	0.50
Phosphate (PO <sub>4</sub> ):	
Silica (SiO <sub>2</sub> ):	-
Fluoride (F):	
Nitrate (NO <sub>3</sub> ):	
Lead (Pb):	
Zinc (Zn):	
Bromine (Br):	•
Boron (B):	

		Scale Values @ Test Conditions - Potential Amount of Scale in lb/1000bbl						Amount of Scale in lb/1000bbl				
Test	Conditions	Calcium Ca		Gyps		Calcium	Sulfate	Strontium	Sulfate	Barium S	ulfate	Calculated
Temp	Gauge Press.	CaC	0 3	CaSO <sub>4</sub> ·	2H <sub>2</sub> O	CaS	04	SrSC	4	BaSC	04	CO <sub>2</sub>
°F	psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
70		0.89	-0.90	0.00	-2626.80	0.00	-3020.90	5	/-	10.83	9.54	0.32
80	0	1.06	0.48	0.00	-2651.60	0.00	-2977.30		=	8.60	9.24	0.10
100	0	1.40	2.31	0.00	-2672 00	0.00	-2804.00	-	-	5.80	8.56	0.13
120	0	1.71	3.29	0.00	-2482.60	0.00	-2547.20	-	-	4.16	7.75	0.15
140	0	1.97	3.79	0.00	-2291.10	0.00	-2243.20	-		3.03	6.72	0.18
160	0	2.15	3.97	0.00	-2132.20	0.00	-1923.50	-	-	2.24	5.43	0.21
180	0	2.22	3.96	0.00	-2000.20	0.00	-1612.20	-	-	1.67	3.85	0.24
200	0	2.19	3.84	0.00	-1891.00	0.00	-1325.40	-		1.26	1.94	0.25
220	2.51	2.07	3.60	0.00	-1822.20	0.00	-1084.30	-		0.94	-0.55	0.26
240	10.3	1.90	3.28	0.00	-1751.10	0.00	-865.87	-	-	0.72	-3.33	0.27
260	20.76	1.70	2.83	0.00	-1694.80	0.00	-682.98	-	•	0.55	-6.60	0.29
280	34.54	1.49	2.25	0.00	-1651.90	0.00	-532.98			0.43	-10.41	0.30
300	52.34	1.29	1.50	0.00	-1621.30	0.00	-411.94	:-	-	0.33	-14.85	0.32

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

**Barium Sulfate NO CONCLUSION** 

Notes:

P=1.2

**Multi-Chem Production Chemicals** Ethics Commitment Page 1 of 2 Excellence Innovation

# ATTACHMENT F

#### Multi-Chem Group, LLC

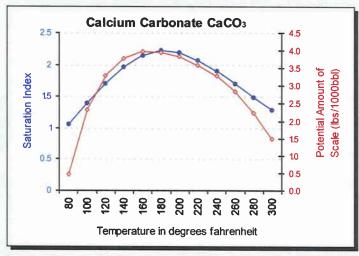
Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

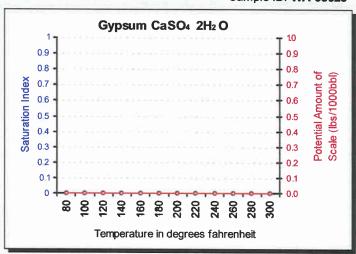


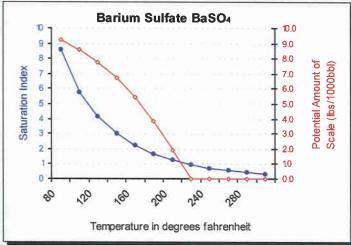
#### **Scale Prediction Graphs**

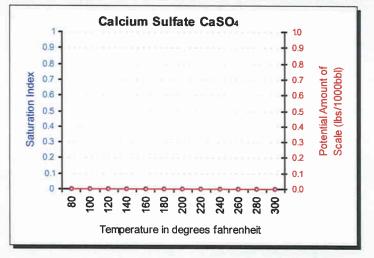
Well Name: Ashley Federal 10-24R-9-15











Excellence

#### Attachment "G"

# Ashley Federal #10-24R-9-15 Proposed Maximum Injection Pressure

Frac l	Interval			Calculated Frac	
(fe	eet)	Avg. Depth	ISIP	Gradient	
Top	<b>Bottom</b>	(feet)	(psi)	(psi/ft)	Pmax
4723	4731	4727	2530	0.97	2499
4567	4632	4600	1777	0.82	1747 ◀──
				Minimum	1747

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433\*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



# ATTACHMENT G-1

1044

#### **Daily Workover Report**

ASHLEY FEDERAL 10-24R (Formerly Castle Peak Unit #1) NW/SE Sec. 24, T9S, R15E Duchesne Co., Utah

Duchesne Co., Utah API # 43-013-15781 Spud Date: 9/8/62 P&A'D: 8/31/71 PTD: 5500' Basin #6

9/24/96 PO: Drill out cmt. (Day 1)

Summary: 9/23/96 - MIRU Basin #6. Spear 7" csg. Work free while washing dirt & debris from behind csg. Cut off 13-3/8" sfc csg. Install csg head. Press test to 400 psi. Pull 7" csg to 100,000#. Land w/13-3/8" csg head. NU tbg head. Press test to 2200 psi. NU BOP. SIFN.

DC: \$14,275 TWC: \$14,275

9/25/96 PO: Drill out cmt. (Day 2)

Summary: 9/24/96 - RU power swivel. PU 6-1/4" bit & 6 3-1/2" collars. Swivel 2 collars dn thru soft cmt, rock & sd. Fell free to 363'. Continue to tally. PU tbg & swivel thru rock, sd & debris to 425'. TIH w/87 jts 2-7/8" 6.5# M-50 tbg to 2884'. Circ well clean w/113 bbls KCI wtr. SIFN.

DC: \$2,735 TWC: \$17,010

9/26/96 PO: Drill cmt. (Day 3)

Summary: 9/25/96 - TP: 0, CP: 0. Press csg to 2500 psi, held. Continue to PU & tally pipe in hole. Tag cmt @ 3708'. RU power swivel. Drl cmt to 4022'. Circ bottoms up. SIFN.

DC: \$2,825 TWC: \$19,835

9/27/96 PO: Drl cmt. (Day 4)

Summary: 9/26/96 - TP: 0, CP: 0. Open well. Break circ. Drl cmt fr/4022' to 4398'. Circ clean.

Pull 40' off btm. SIFN. DC: \$2,685 TWC: \$22,520

9/28/96 PO: Make scraper run. (Day 5)

Summary: 9/27/96 - TP: 0, CP: 0. Open well. Break circ. Drl cmt fr/4398' to 4920', fell free. Tag plug @ 4957' w/2000 psi. Plug fell free, went 6' further, no plug. TOH w/60 jts 2-7/8" 6.5#

M-50 tbg to 3082'. SIFN. DC: \$4,295 TWC: \$26,815

9/29/96 PO: Bond log. (Day 6)

Summary: 9/28/96 - TP; 0, CP: 0. Finish TOH w/tbg. LD 3-1/2" drill collars. TIH w/bit & scraper to 4983' (no plug). Circ well w/clean KCl wtr. TOH w/160 its 2-7/8" 6.5# M-50 tbg. LD

bit & scraper. SIFN.

DC: \$1,655 TWC: \$28,470

9/30/96 SD for Sunday.

10/1/96 PO: Standby for logs. (Day 7)

Summary: 9/30/96 - TP: 0, CP: 0. Fill csg w/13 bbls KCl wtr. RU Western Atlas. Run CBL/GR

correlation log fr/4952' to sfc. Log indicates excellent bond w/TOC @ +3370'.

DC: \$2,330 TWC: \$30,800



# ATTACHMENT G-1

2 of 4

#### **Daily Workover Report - Page Two**

ASHLEY FEDERAL 10-24R (Formerly Castle Peak Unit #1) NW/SE Sec. 24, T9S, R15E Duchesne Co., Utah API # 43-013-15781 Spud Date: 9/8/62 P&A'D: 8/31/71 PTD: 5500' Basin #6

10/2/96 SD - pending log evaluation.

#### 10/3/96 PO: Prep to frac. (Day 8)

Summary: 10/2/96 - CP: 0. RU Western Atlas. Set CIBP @ 4940'. TIH w/tbg to 4935'. Press csg to 1000 psi, lost 800 psi in 7 min, held 200 psi for 15 min. RU swb. Swab fluid fr/sfc to 4300'. Rec 170 bbls KCl wtr. TOH w/tbg. **PERF "B" SD @ 4820-31' W/4 JSPF**. TIH w/pkr & 60 jts 2-7/8" 6.5# M-50 tbg. SIFN.

DC: \$6,125 TWC: \$36,925

#### 10/4/96 PO: Frac "B" Sand. (Day 9)

Summary: 10/3/96 - TP: 20, CP: 50. Bleed gas off well. Continue in hole w/pkr to 4895'. Set & press test CIBP to 3000 psi, held. Pmpd 24 bbls KCl wtr to fill tbg. Pmp 40 bbls KCl wtr dn csg to release pkr. Pull & set pkr @ 4769'. Fill csg w/82 bbls KCl wtr, press to 1000 psi, lost 800 psi in 10 min. RU swb. Swb tbg fr/2600' to 4769' in 3 runs, rec 12 BW. SIFN. Est 134 BWTR.

DC: \$1,305 TWC: \$38,230

#### 10/5/96 PO: Perforate "C" Sand. (Day 10)

Summary: 10/4/96 - TP: 50. Bleed gas off tbg. Made 1 run, rec 25' of oil from pkr @ 4769'. RU Halliburton & frac "B" sd w/34,000# of 20/40 sd in 210 bbls Boragel @ 18 bpm. Well screened out w/6# on formation. Est 26,800# in formation & 7200# left in tbg. Flowed well back until died. Rec 50 BTF. Release pkr. Circ tbg clean. TOH w/tbg. LD pkr. TIH w/7" BV plug & 152 jts 2-7/8" 6.5# M-50 tbg. Set plug @ 4762'. Swab well fr/sfc to 3700'. Rec 146 BTF. SIFN. Est 148 BWTR.

DC: \$17,460 TWC: \$55,690

#### 10/6/96 PO: Frac "C" Sand. (Day 11)

Summary: 10/5/96 - TP: 0, CP: 0. Swb fluid fr/3700' to 4200'. Rec 20 BTF. TOH w/tbg. RU Western Atlas & PERF "C" SD @ 4723-31' W/4 JSPF. TIH w/7" pkr & 151 jts 2-7/8" 6.5# M-50 tbg. Tag sd @ 4732' Fill hole w/160 BW, circ sd to 4760'. Set pkr @ 4750'. Press test plug to 3000 psi, tested good. Release pkr. Pull to 4665'. Install 10' N-80 frac jt. Set pkr @ 4675'. Swb fluid fr/sfc to pkr. Rec 27 BTF. SIFN. Est 261 BWTR.

DC: \$2,870 TWC: \$58,560

#### 10/7/96 SD for Sunday

#### 10/8/96 PO: Perforate "D" Sand. (Day 12)

Summary: 10/7/96 - TP: 100, CP: 0. Bleed gas off tbg. RU swb. IFL @ 3800', made 2 runs, rec 5 BTF (est 4 BO, 1 BW), FFL @ 4700'. RU Halliburton & frac "C" sd. Screened out on 5# sd w/10,600# of 20/40 sd in formation. Used 164 bbls of Boragel. Break dn @ 3322 psi. Treated @ ave rate of 18 bpm w/ave press of 5150 psi. ISIP: 2530 psi, 5 min: 1919 psi. Flowback on 12/64" ck for 1 hr & died. Rec 36 BTF. SIFN. Est 388 BWTR.

DC: \$13,140 TWC: \$71,700



#### Daily Workover Report - Page Three

# ATTACHMENT G-1

ASHLEY FEDERAL 10-24R (Formerly Castle Peak Unit #1) NW/SE Sec. 24, T9S, R15E Duchesne Co., Utah API # 43-013-15781

Spud Date: 9/8/62 P&A'D: 8/31/71 PTD: 5500' Basin #6 3044

10/9/96 PO: Perforate "D" Sand. (Day 13)

Summary: 10/8/96 - TP: 0, CP: 0. Circ well clean. TIH to 4690' (no sd). TOH LD pkr. TIH w/BV plug. Set plug @ 4680'. LD 1 jt tbg. RU swb. IFL @ sfc, rec 157 BTF, FFL @ 4000'. TOH w/RH. SIFN. Est 231 BWTR.

DC: \$2,440 TWC: \$74,140

10/10/96 PO: Frac "D" Sand. (Day 14)

Summary: 10/9/96 - TP: 0, CP: 0. RU Western Atlas & **PERF "D" SD @ 4567-72', 4576-89', 4614-16', 4620-32' W/4 JSPF**. TIH w/pkr. Set pkr @ 4670'. Press test plug to 3000 psi. PU hole. Reset pkr @ 4542' w/20,000# compression. RU swb. IFL @ 3000', made 2 runs, rec 9 BTF, FFL @ 4542'. Fill csg w/90 bbls KCl wtr. SIFN. Est 312 BWTR.

DC: \$4,355 TWC: \$78,495

10/11/96 PO: Pull RBP's. (Day 15)

Summary: 10/10/96 - TP: 50, CP: 0. Bleed press off tbg. RU swb. Made 2 runs, rec 2 BTF, FFL @ 4100'. RU Halliburton & frac "D" sd w/77,700# of 20/40 sd in 402 bbls of Boragel. Break dn @ 3010 psi. Treated @ ave rate of 19.4 bpm w/ave press of 5100 psi. ISIP: 1777 psi, 5 min: 1729 psi. Flowback on 12/64" ck for 10 min & died. Rec 8 BTF. SIFN. Est 706 BWTR.

DC: \$19,525 TWC: \$98,020

10/12/96 PO: Swab well. (Day 16)

Summary: 10/11/96 - TP: 0, CP: 0. Open bypass on pkr. Circ 60 bbls KCl wtr dn csg, up tbg. Release pkr. TOH w/tbg & pkr. TIH w/RH. Tag sd @ 4595'. Clean out to RBP @ 4680'. Release plug @ 4680'. TOH LD RBP. TIH w/new RH. Tag sd @ 4731'. Clean out sand to RBP @ 4762'. Release plug. TOH LD RBP. (Lost 45 BW during circ.) TIH w/NC to 3003'. SIFN. Est 751 BWTR.

DC: \$1,710 TWC: \$99,730

10/13/96 PO: Swabbing. (Day 17)

Summary: 10/12/96 - TP: 0, CP: 0. TIH w/tbg. Tag sd @ 4862'. Clean out sd to CIBP @ 4940'. Circ hole clean. LD 1 jt tbg. EOT @ 4930'. RU swb. IFL @ sfc, made 23 runs, rec 262 BTF (est 1 BO), FFL @ 4900'. FOC @ 2% w/tr of sd. SIFN. Est 490 BWTR.

DC: \$1,715 TWC: \$101,445

10/14/96 SD for Sunday.

10/15/96 PO: Run rods, place on production. (Day 18)

Summary: 10/14/96 - TP: 50, CP: 150. RU swb. IFL @ 2000', made 6 runs, rec 78 BTF (est 4 BO, 74 BW), FFL @ 2600'. FOC 5%. TIH w/1 jt tbg. Tag PBTD (no sd fill). TOH. TIH w/prod tbg as follows: NC, 3 jts tbg, SN, 8 jts tbg, TA & 146 jts 2-7/8" 6.5# LS tbg. EOT @ 4877', SN @ 4782', TA @ 4531'. ND BOP. Set TA w/10,000# tension. NU wellhead. RU swb. IFL @ 2000', made 14 runs, rec 115 BTF w/20% oil cut (est 23 BO, 92 BW), FFL @ 3700' (no sd). SIFN. Est 324 BWTR.

DC: \$4,745 TWC: \$106,190



ASHLEY FEDERAL 10-24R (Formerly Castle Peak Unit #1) NW/SE Sec. 24, T9S, R15E Duchesne Co., Utah API # 43-013-15781 Spud Date: 9/8/62 P&A'D: 8/31/71 PTD: 5500' Basin #6 ATTACHMENT G-1

10/16/96 PO: Well on production. (Day 19)

Summary: 10/15/96 - TP: 50, CP: 150. Bleed gas off tbg & csg. RU f/rods. Flush tbg w/40 bbls of clean KCl wtr. PU 2-1/2 x 1-1/2 x 12 x 15 RHAC rod pmp. Test w/diesel. TIH w/rods as follows: 1-1/2" pmp, 8-1" scrapered rods, 84-34" plain rods, 99-34" scrapered rods, 2-4', 2-6' x 34" pony rods & 1-1-1/2" x 22' polished rod. Seat pmp. Fill tbg w/20 bbls of KCl wtr. Stroke pmp up to 1000 psi. Held w/good pmp action. Hang horsehead. **PLACE WELL ON PRODUCTION @ 4:00 PM, 10/15/96 W/74" SL @ 6 SPM**. Est 384 BWTR.

DC: \$120,205 TWC: \$226,395

#### ATTACHMENT H

#### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4517'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.		Perforate 4 JSPF @ 2900'
4.	Plug #2	160' plug covering Trona/Mohagany Bench Formation using 30 sx Class "G" Cement pumped under CICR and out perforations. Follow using 13 sx Class "G" cement pumped on top of CICR
5.		Perforate 4 JSPF @ 1560'
6.	Plug #3	120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
7		Perforate 4 JSPF @ 260'
8.	Plug #4	Circulate 76 sx Class "G" cement down 5 ½" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

# ATTACHMENT H-1

Initial Production: 44 BOPD,

33 MCFPD, 5 BWPD

# Ashley Federal #10-24R Formerly Castle Peak Unit #1

Proposed P & A

Recompletion Date: 9/24/96 GL: 6259.7' KB: 6268' Put on Production: 10/15/96

#### SURFACE CASING

CSG SIZE: 13-3/8"
GRADE: ?
WEIGHT:48#
LENGTH: ? jts.
DEPTH LANDED: 210'
HOLE SIZE:17-1/4"
CEMENT DATA: 300 sx

#### PRODUCTION CASING

CSG SIZE: 7°
GRADE:J-55
WEIGHT: 23#
LENGTH: ?
DEPTH LANDED: 5020°
HOLE SIZE: ?
CEMENT DATA: 500 sx cement with 1% flac added
CEMENT TOP AT: 3525° per CBL

Wellbore Diagram Circulate 76 sx Class G Cement down 5 -1/2" casing and up the 5-1/2" x 8-5/8" annulus Casing Shoe @ 210' Perforate 4 JSPF @ 260' 7 sx Class G Cement plug on top of CICR Uinta/Green River CICR @ 1500° 25 sx Class G Cement plug below CICR 120' Plug w/0' excess (1440'-1560') Perforate 4 JSPF @ 1560' 13 sx Class G Cement plug on top of CICR Trona/Mahogany Bench CICR @ 2820' 160' Plug w/0' excess 30 sx Class G Cement plug below CICR (2740'-2900') Perforate 4 JSPF @ 2900' TOC @ 3525' 100' (12 sx) Class G Cement plug on top of CIBP CIBP @ 4517 4567' - 4572' 4576' - 4589' 4614' - 4616' 4620' - 4632' 4723'- 4731' 4820'- 4831' CIBP @ 4940' - SHOE @ 5020' 6-1/4" Hole TD @ 8816'



Ashley Federal #10-24R 1840 FSL 2000 FEL NWSE Section 24-T9S-R15E Duchesne Co, Utah API #43-013-15781; Lease #U-02458

FORM 3160-5 UNITED STATES (August 2007) DEPARTMENT OF THE INTERIOR					FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010		
	BUREAU OF LAND MANAGEMENT						
SUNDRY	NOTICES AND REPO	5. Lease S	ГU-02458				
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					n, Allottee or Tribe Name.		
SUBMIT IN	TRIPLICATE - Other I	nstructions or	page 2	7. If Unit o	or CA/Agreement, Name and/or		
1. Type of Well		·		GMBU			
Oil Well Gas Well	Other			0.333.333			
2. Name of Operator	Olivi		<u> </u>		ame and No. 7 FED 10-24R		
NEWFIELD PRODUCTION CO	<u>OMPANY</u>			9. API We			
3a. Address Route 3 Box 3630		i	include are code				
Myton, UT 84052 4. Location of Well (Footage.	Sec., T., R., M., or Survey Descrip	435.646.3721			and Pool, or Exploratory Area		
1684 FSL 1945 FEL	sec., 1., 10., 101., or survey bescrip	nionj			ER MB UNIT y or Parish, State		
NWSE Section 24 T9S R15E				11. County	of Farish, State		
					ESNE, UT		
12. CHECK	APPROPRIATE BOX(E	S) TO INIDIC	ATE NATUI	RE OF NOTICE, C	OR OTHER DATA		
TYPE OF SUBMISSION			TYPE OF	ACTION			
	☐ Acidize	☐ Deepen	П	Production (Start/Res	ume)		
Notice of Intent	Alter Casing	Fracture Tre	eat 🔲	Reclamation	Well Integrity		
Subsequent Report	Casing Repair	New Constr	ruction 🔲	Recomplete	Other		
Final Abandonment	Change Plans	Plug & Aba	ndon 🔲	Temporarily Abandor			
Final Abandonment	Convert to Injector	Plug Back		Water Disposal			
Final Abandonment Notices shall be inspection.)  Newfield Production prop	peration results in a multiple completion of filed only after all requirements, includes to convert the above	uding reclamation, ha	ave been completed	l, and the operator has dete	ermined that the site is ready for final		
I hereby certify that the foregoing is correct ( <i>Printed/Typed</i> )	strue and	Title					
		Regu	latory Technicia	ın			
Signature CO CO			Date 04/02/2012				
	THIS SPACE FO	R FEDERAL	OR STATE	OFFICE USE			
Approved by Conditions of approval, if any, are attach	ad Approval of this		Title		Date		
conditions of approval, if any, are attach certify that the applicant holds legal or ed which would entitle the applicant to conditions.	quitable title to those rights in the subje		Office				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious and fraudulent	3 U.S.C. Section 1212, make it a crime statements or representations as to an	e for any person know y matter within its ju	wingly and willfull	y to make to any departmen	nt or agency of the United		

(Instructions on page 2)



GARY R. HERRERT Governor

**GREGORY S. BELL** Lieutenant Governor

# State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL D STVLED Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

October 1, 2012

**Newfield Production Company** 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 10-24R, Section 24, Township 9 South, Range 15

East, SLBM, Duchesne County, Utah, API Well # 43-013-15781

#### Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 3,877 feet in the Ashley Federal 10-24R well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely.

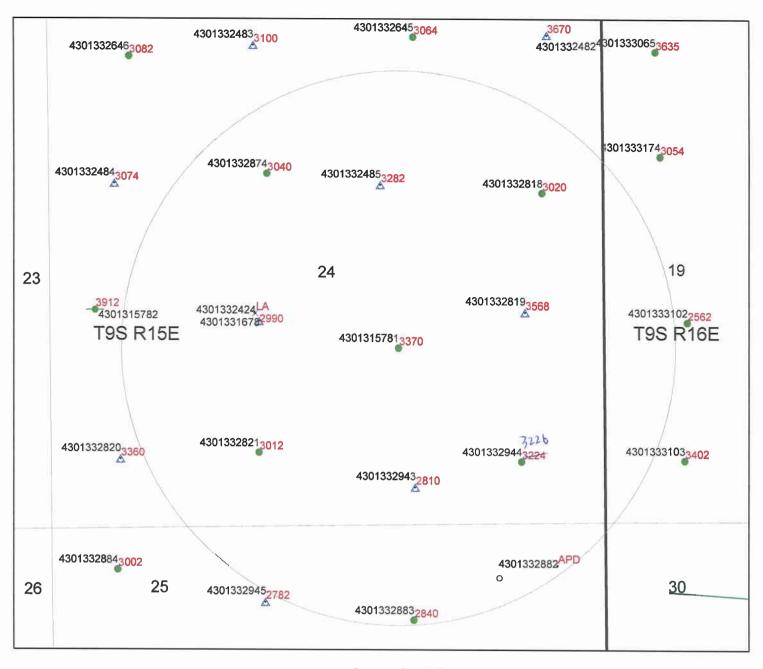
Associate Director

JR/MLR/js

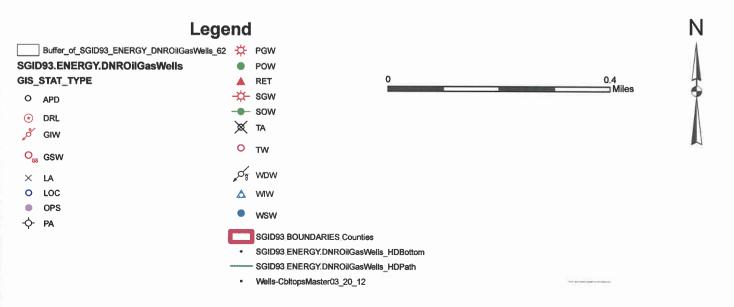
cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal **Duchesne County** Newfield Production Company, Myton Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops
ASHLEY FEDERAL 10-24R-9-15
API #43-013-15781
UIC 390.10



# DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: <u>Ne</u>	wheld Production Company	Well:	Ashley Federal 10-24R-9-15	
Location:	24/9S/15E	API:	43-013-15781	

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 210 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,020 feet. A cement bond log demonstrates adequate bond in this well up to about 3,370 feet. A 2 7/8 inch tubing with a packer will be set at 4,763 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells 4 injection wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 2400 feet. Injection shall be limited to the interval between 3,877 feet and 4,940 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-24R-9-15 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,747 psig. The requested maximum pressure is 1,747 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

# Ashley Federal 10-24R-9-15 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold	Date: <u>4/6/2012</u>
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#### BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

#### THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001  $17^{th}$  Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

#### **Greater Monument Butte Unit:**

- Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32830
- Ashley Federal 10-24R-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East API 43-013-15781
- Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East API 43-013-32821
- Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East API 43-013-32944
- Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East API 43-013-32884
- Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East API 43-013-32900
- Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East API 43-013-31589
- Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East API 43-013-32652
- Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East API 43-013-33162
- Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East API 43-013-33148
- Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East API 43-013-33085
- Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33340
- Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East API 43-013-33352

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

**Permitting Manager** 

#### **Newfield Production Company**

ASHLEY FEDERAL 12-23-9-15, ASHLEY FEDERAL 10-24R-9-15, ASHLEY FEDERAL 14-24-9-15, ASHLEY FEDERAL 16-24-9-15, ASHLEY FEDERAL 4-25-9-15, ASHLEY FEDERAL 4-26-9-15, MONUMENT FEDERAL 33-6-9-16Y, FEDERAL 11-13-9-16, FEDERAL 15-19-9-16, FEDERAL 13-22-9-16, FEDERAL 17-24-9-16, FEDERAL 11-24-9-16, FEDERAL 3-27-9-16

#### Cause No. UIC-390

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail legals@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jran Sweet

From:

"Fultz, Mark" <naclegal@mediaoneutah.com> <jsweet@utah.gov>

To:

4/11/2012 10:09 AM

Date: Subject:

Legal Notice

Attachments: OrderConf.pdf

AD# 783810 Run Trib/DNews - 4/14 Cost \$293.96 Thank you Mark







#### Order Confirmation for Ad #0000783810-01

Client

DIV OF OIL-GAS & MINING

Payor Customer

DIV OF OIL-GAS & MINING

**Client Phone** 

801-538-5340

**Payor Phone** 

801-538-5340

Account#

Payor Account

Address

1594 W NORTH TEMP #1210,P.O. BOX 145801 Payor Address

SALT LAKE CITY, UT 84114 USA

1594 W NORTH TEMP #1210,P.O. BOX SALT LAKE CITY, UT 84114

Fax

801-359-3940

Ordered By

Acct. Exec

**EMail** 

earlenerussell@utah.gov

Jean

mfultz

**Total Amount** 

\$293.96

**Payment Amt** 

\$0.00

**Tear Sheets** 

**Affidavits** 

\$293.96

**Proofs** O

**Amount Due Payment Method** 

PO Number

UIC-390

**Confirmation Notes:** 

Text:

Jean

Ad Type

Ad Size

Color

Legal Liner

2.0 X 86 Li

<NONE>

**Product** 

Salt Lake Tribune::

**Placement** 

Legal Liner Notice - 0998

Scheduled Date(s):

04/14/2012

**Product** 

**Placement** 

Deseret News::

Legal Liner Notice - 0998

Scheduled Date(s):

Product

04/14/2012

sltrib.com::

**Placement** Legal Liner Notice - 0998

Scheduled Date(s):

04/14/2012

**Product** 

**Placement** 

utahlegals.com::

utahlegals.com

Scheduled Date(s): 04/14/2012 Position

Public Meeting/Hear-ing Notices

Public Meeting/Hear-ing Notices

**Position** 

Public Meeting/Hear-ing Notices

**Position** 

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**Ad Content Proof Actual Size** 

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-390

STATE OF UTAH

NOTICE OF AGBNCY ACTION
CAUSE NO, UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWN-SHIP 9 SOUTH, RANCE 15 EAST, AND SECTIONS 6, 13, 19, 20, 24, AND 27 TOWN-SHIP 9 SOUTH, RANCE 16 EAST, UICH-ESINE COUNTY, UTAY, AS CLASS II NUECTION WELLS.
THE STATE OF UTAH TO ALL PRESONS INTERESTED IN THE ABOVE ENTITLED MATTER.
NOTICE IS HERRORY OF THE ADMINISTRATIVE OF UTAH TO ALL PRESONS INTERESTED IN THE ABOVE ENTITLED MATTER.
NOTICE IS HERRORY OF UTAH TO ALL PRESONS INTERESTED IN THE ABOVE ENTITLED MATTER.
NOTICE IS HERRORY OF THE ABOVE COUNTY, UTAH, SECTION OF THE ABOVE COUNTY, UTAH, SECTION OF THE ABOVE COUNTY, UTAH, SECTION 25, TOWN-SHIP 9 SOUTH, Range 15 EAST API 43-013-32823
Astiley Federal 12-25-9-15 well located in NW/4 SW/4, Section 23, Town-ship 9 South, Range 15 East API 43-013-32823
Astiley Federal 14-24-9-15 well located in NW/4 SE/4, Section 24, Town-ship 9 South, Range 15 East API 43-013-32821
Astiley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Town-ship 9 South, Range 15 East API 43-013-32824
Astiley Federal 14-24-9-15 well located in NW/4 NW/4, Section 24, Town-ship 9 South, Range 15 East API 43-013-32824
Astiley Federal 4-25-9-15 well located in NW/4 NW/4, Section 24, Town-ship 9 South, Range 15 East API 43-013-32844
Astiley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Town-ship 9 South, Range 15 East API 43-013-32884
Astiley Federal 4-25-9-15 well located in NW/4 NW/4, Section 26, Town-ship 9 South, Range 15 East API 43-013-32884
Astiley Federal 4-25-9-15 well located in NW/4 NW/4, Section 26, Town-ship 9 South, Range 15 East API 43-013-33085
Federal 13-3-34-9-16 well located in NW/4 NW/4, Section 27, Town-ship 9 South, Range 16 East API 43-013-33162

Federal 13-3-3-9-9-16 well located in NW/4 Section 27, Town-ship 9 South, Range 16 East API 43-013-33162

Federal 13-22-9-16 well located in NE/4 SW/4, Section 24, Town-ship 9 South, Range 16 East API 43-013

Township 9 South, Range 16 East
API 43-013-33352
The praceeding will be conducted in accordance with Utah
Admir. R649-10, Admiristrative Procedures.
Selected zones in the Green River Formarian will be used for
water injection. The maximum requested injection pressures
and rares will be determined based on fractive gradient informarian submitted by Newhield Production Company.
Any person destring to object to the application or otherwise
intervere in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days foltowing publication of this protice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Amonger, at
P.O. Box 145801, Soft Lake City, UT 84114-5801, phone
rember (801) 538-5346. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the differentioned administrative procedural
rules. Protestants and/or interveners should be prepared to
demonstrate or the hearing how this matter affects their interests.

terests.
Dated this 10th day of April, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/ Brod Hill Permitting Manager 783810

UPAXLP



# State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

April 10, 2012

VIA E-MAIL <u>naclegal@mediaoneutah.com</u>

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>isweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

**Executive Secretary** 

Enclosure



#### Jean Sweet - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-390

From: Cindy Kleinfelter <classifieds@ubstandard.com>

To: Jean Sweet <jsweet@utah.gov>

**Date:** 4/12/2012 12:15 PM

Subject: Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-390

#### On 4/10/2012 1:40 PM, Jean Sweet wrote:

#### To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing to: Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary Utah Div. of Oil, Gas & Mining 1594 West Temple, Suite 1210 Salt Lake City, UT 801-538-5329 jsweet@utah.gov

Hello. It will be in the April 17th edition. Thank you, Cindy



Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

April 10, 2012

Via e-mail: <u>legals@ubstandard.com</u>

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

**Executive Secretary** 

Enclosure



Sundry Number: 33653 API Well Number: 43013157810000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE		FORM 9		
1	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	oposals to drill new wells, significantly of reenter plugged wells, or to drill horizor n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)		
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: ASHLEY FED 10-24R		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	DMPANY		<b>9. API NUMBER:</b> 43013157810000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE		
4. LOCATION OF WELL FOOTAGES AT SURFACE:			COUNTY: DUCHESNE		
1684 FSL 1945 FEL QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWSE Section: 2	HIP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 15.0E Merid	ian: S	STATE: UTAH		
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
☐ NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
Approximate date work will start:	✓ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
12/20/2012			PLUG BACK		
	OPERATOR CHANGE	PLUG AND ABANDON			
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON		
DRILLING REPORT	L TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The subject well has been converted from a producing oil well to an injection well on 12/19/2012. On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.  By:					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUMBI</b> 435 646-4874	ER TITLE Water Services Technician			
SIGNATURE N/A		<b>DATE</b> 1/7/2013			

Sundry Number: 33653 API Well Number: 43013157810000

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	Date <u>/2 / 20 / /2</u> Time <u>// 200</u> am pm
Test Conducted by: Michael Jenses	N
Others Present:	
Well: Ashly Federal 10-24R-9-15	Field: Greater Monument Butte
Well Location: Ashley 10-24R-9-15	API No: 43-013-15781
,	

<u>Time</u>	Casing Pressure	
0 min	1390	_ psig
5	1390	psig
10	1390	psig
15	1390	_ psig
20	1390	_ psig
25	1390	_ psig
30 min	1390	_ psig
35		_ psig
40		_ psig
45		_ psig
50		_ psig
55		_ psig
60 min		_ psig
Tubing pressure:	<del></del>	_ psig
Result:	Pass	Fail

Signature of Witness:	
Signature of Person Conducting T	est: Mulul M

Sundry Number: 33653 API Well Number: 43013157810000 =MIDNIGHT **1**9 Wd9 CHART NO. MC M-2500-24HR METER - DISC NO. 2 CHARTPUTNO TIME LICO AM DATE 12:20-12 TAKEN OFF LOCATION ASAKE FEDERAL 10 24R45 TIME 11:30 AM DATE 12-20 12 -092 -0001

6

10

NOON

11

Sundry Number: 33653 API Well Number: 43013157810000

Page 1 of 2 Summary Rig Activity

#### **Daily Activity Report**

**Format For Sundry ASHLEY 10-24R-9-15** 10/1/2012 To 2/28/2013

12/12/2012 Day: 1

Conversion

WWS#9 on 12/12/2012 - MIRU, pump 60 BW down CSG, unseat pump - Crew Travel & safety meeting, RDMO 16-23-8-17, road over to the 10-24R-9-15 rig up pump 60 bbls down CSG @250\*f PU on rod unset pump flush TBG W/ 35 BBLS reset pump fill TBG W/8 BBLs test to 3000psi good, wait for rod trailer from 12;00 -1:50, start saying down rods 110 3/4 4 per flush W/30 BBIs cant LD rods 5-3/4 4pers 50-3/4 slick, 20-3/4 4 pers. - Crew Travel & safety meeting, RDMO 16-23-8-17, road over to the 10-24R-9-15 rig up pump 60 bbls down CSG @250\*f PU on rod unset pump flush TBG W/ 35 BBLS reset pump fill TBG W/8 BBLs test to 3000psi good, wait for rod trailer from 12;00 -1:50, start saying down rods 110 3/4 4 per flush W/30 BBIs cant LD rods 5-3/4 4pers 50-3/4 slick, 20-3/4 4 pers. Finalized

Daily Cost: \$0

**Cumulative Cost:** \$16,995

#### 12/13/2012 Day: 2

Conversion

WWS#9 on 12/13/2012 - TOH breaking and doping collars, psi tes - ND WH, pu on tbg, release TAC, NU bops, rd foor, flush tbg w/40bbls. TOOH breaking and doping every pin. Trickled 20bbls down while pulling pipe. 120 its out flush tbg w/40bbls. TOOH 26jts LD 10 extra jts onto trailer. RIH w/ 2-3/8 XN nipple, 1-4'x 2-3/8 tbg sub, crossover, 1-7' packer, onoff tool, psn, 146 its 2-7/8 i-55 tbg. Pump 10bbls drop SV. Fill w/ 12bbls pressure up to 3000psi. - ND WH, pu on tbg, release TAC, NU bops, rd foor, flush tbg w/40bbls. TOOH breaking and doping every pin. Trickled 20bbls down while pulling pipe. 120 jts out flush tbg w/40bbls. TOOH 26jts LD 10 extra jts onto trailer. RIH w/ 2-3/8 XN nipple, 1-4'x 2-3/8 tbg sub, crossover, 1-7' packer, on-off tool, psn, 146 jts 2-7/8 j-55 tbg. Pump 10bbls drop SV. Fill w/ 12bbls pressure up to 3000psi. Finalized

Daily Cost: \$0

Cumulative Cost: \$24,050

#### 12/14/2012 Day: 3

Conversion

WWS#9 on 12/14/2012 - CHK TBG PRESS good test ND BOPS PUMP PKR fluid set PKR no test TOOH w/50 JTS good test hole between 3964 & 4000 - CK TBG psi 2900 lost 100 psi over night bump back up to 3000psi watch for 30 minutes good, RIH W/sand line retreave SV POOH, RO floor ND INJ pump 60 BBLS PKR fluid PU set PKR @ 4519 to CE W 15000 tension NU INJ tree Fill CGS W/ 5BBLS pressure up to 1500psi lost 800 in 5 minutespressure back up couple more times no change ND W/ 60 1 jt set packer @4488' pressure up to 1500 lost 800psi in 5 minutes NU BOP RD floor TOOH w/ TBG & PKR 50 JTS set PKr test CSG PKR 2988, 1500psi good RIH W/ 24 JTS Set a 3819 test CSG good TIH set PKR 2 4100' test pull up to 3943' good RIH set PKR @4006 no good SWI - CK TBG psi 2900 lost 100 psi over night bump back up to 3000psi watch for 30 minutes good, RIH W/sand line retreave SV POOH, RO floor ND INJ pump 60 BBLS PKR fluid PU set PKR @ 4519 to CE W 15000 tension NU INJ tree Fill CGS W/ 5BBLS pressure up to 1500psi lost 800 in 5 minutespressure back up couple more times no change ND W/ 60 1 jt set packer @4488' pressure up to 1500 lost 800psi in 5 minutes NU BOP RD floor TOOH w/ TBG & PKR 50 JTS set PKr test CSG PKR 2988, 1500psi good RIH W/ 24 JTS Set a 3819 test CSG good TIH set PKR 2 4100' test pull up to 3943' good RIH set PKR @4006 no good SWI Finalized

Daily Cost: \$0

Sundry Number: 33653 API Well Number: 43013157810000
Summary Rig Activity
Page 2 of 2

Cumulative Cost: \$30,525

#### 12/17/2012 Day: 4

Conversion

WWS#9 on 12/17/2012 - set pkr, found leak wait for weatherford - Flush tbg w 35bbls @250 degrees. Set pkr @3964 no test. Move up to 3943 test good, csg leak in between 3943' - 3964 pkr wont set. TOOH ld PKR assembly SWIFN. Waiting on weatherford straddle assembly. - Flush tbg w 35bbls @250 degrees. Set pkr @3964 no test. Move up to 3943 test good, csg leak in between 3943' - 3964 pkr wont set. TOOH ld PKR assembly SWIFN. Waiting on weatherford straddle assembly. **Finalized** 

Daily Cost: \$0

Cumulative Cost: \$34,760

#### 12/19/2012 Day: 5

Conversion

WWS#9 on 12/19/2012 - psi test tubing, nd bops - Check pressure, lost pressure, back up to 3000psi. Watch for 30 minutes, still losing pressure.Bleed off and retorque subs, pressure up still losing psi. RIH retireve SV pooh pump 10bbls drop new SV fill up, psi watch for 30 min, good test. Retrieve sv pooh, pump 100bbls pkr fluid. Nipple down bops pkr set @3922. NU inj tree, psi test to 1500. - Check pressure, lost pressure, back up to 3000psi. Watch for 30 minutes, still losing pressure.Bleed off and retorque subs, pressure up still losing psi. RIH retireve SV pooh pump 10bbls drop new SV fill up, psi watch for 30 min, good test. Retrieve sv pooh, pump 100bbls pkr fluid. Nipple down bops pkr set @3922. NU inj tree, psi test to 1500. **Finalized** 

Daily Cost: \$0

Cumulative Cost: \$41,595

#### 12/28/2012 Day: 6

Conversion

Rigless on 12/28/2012 - Conduct initial MIT - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized** 

Daily Cost: \$0

Cumulative Cost: \$130,429

**Pertinent Files: Go to File List** 

Sundry Number: 34383 API Well Number: 43013157810000

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES	FORM 9				
DIVISION OF OIL, GAS, AND MINING  5.LEASE DESIGNATION UTU-02458	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458				
SUNDRY NOTICES AND REPORTS ON WELLS  6. IF INDIAN, ALLOT	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION GMBU (GRRV)	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)				
	8. WELL NAME and NUMBER: ASHLEY FED 10-24R				
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY  9. API NUMBER: 4301315781000	<b>9. API NUMBER:</b> 43013157810000				
	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FSL 1945 FEL  COUNTY: DUCHESNE					
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE Section: 24 Township: 09.0S Range: 15.0E Meridian: S  UTAH					
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DA	ιΤΑ				
TYPE OF SUBMISSION TYPE OF ACTION					
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAI	ılR				
NOTICE OF INTENT Approximate date work will start:  CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE TUBING	L NAME				
✓ CHANGE WELL STATUS     ☐ COMMINGLE PRODUCING FORMATIONS     ✓ CONVERT WELL       ✓ SUBSEQUENT REPORT     ☐	LL TYPE				
Date of Work Completion: L DEEPEN L FRACTURE TREAT L NEW CONSTR	RUCTION				
2/1/2013					
STODIKE OKT	E DIFFERENT FORMATION				
Date of Spud:  REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARY	ABANDON				
	SAL				
DRILLING REPORT REPORT Date: WATER SHUTOFF SI TA STATUS EXTENSION APD EXTENSION APD EXTENSION	ON				
☐ WILDCAT WELL DETERMINATION ☐ OTHER OTHER:					
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.					
	ted by the				
02/01/2010.	Division of and Mining				
Pata, Febru	ary 25, 2013				
Date:	00 cul 10				
By:					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto PHONE NUMBER 435 646-4874 Water Services Technician					
SIGNATURE   DATE   2/4/2013					

RECEIVED: Feb. 04, 2013

Recompletion Date: 9/24/96 GL: 6259.7' KB: 6268' Put on Production: 10/15/96

# Ashley Federal 10-24R-9-15

Casing Shoe @ 210'

TOC @ 3525'

#### Formerly Castle Peak Unit #1

Injection Wellbore Diagram

Initial Production: 44 BOPD, 33 MCFPD, 5 BWPD

#### SURFACE CASING

CSG SIZE: 13-3/8" GRADE: ? WEIGHT:48# LENGTH: ? jts. DEPTH LANDED: 210' HOLE SIZE:17-1/4" CEMENT DATA: 300 sx

#### FRAC JOB 10/4/96 4820'-4831'

Frac B-2 sand as follows: 34,000# of 20/40 sand in 210 bbis of Boragel. @ 18 bpm. Well screened out w/6# on formation. Est. 26,800# in formation & 7200# left ion tbg. Flowed well back until died.

10/8/96 4723'-4731'

Frac C sand as follows: Screened out on 5# sd w/10,600# of 20/40 sd in formation. Used 164 bbls of Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi. ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and

10/11/96 4567'-4632'

1/3/03

Frac D-1 and D-2 sands as follows: 77,700# of20/40 sand in 402 bbls of Boragel. Breakdown @ 3010 psi. Treated @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi. Flowback on 12/64" ck for 10 min and

Tubing Leak. Update tubing and rod

12/19/12 Convert to Injection Well - Straddle

4 JSPF

4 JSPF

4 JSPF

44 holes

20 holes

52 holes

8 holes

PERFORATION RECORD

4820'-4831'

4723'-4731'

4567'-4572'

4614'-4616'

4620'-4632'

10/9/96 - 4576'-4589'

10/5/96

10/9/96

10/9/96

12/20/12 Conversion MIT Finalized - update thg

#### PRODUCTION CASING

CSG SIZE: 7' GRADE:J-55

WEIGHT: 23# LENGTH: ?

DEPTH LANDED: 5020

HOLE SIZE: ?

CEMENT DATA: 500 sx cement with 1% flac added

CEMENT TOP AT: 3525' per CBL

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6,5# 15k TENSION (1.2) @ 10.0" TBG (31.2) @ 11.2' TBG PUP 2-7/8 J-55 AT: 42.4' NO. OF JOINTS: 124 jts (3851.4') ON/OFF TOOL AT: 3916.8' ARROW #1 PACKER CE AT: 3922' TBG 2 jts (59.9) @ 3925.93 XO 2-3/8 x 2-7/8 J-55 AT: 3985.8° SEATING NIPPLE: 2-3/8" (1.10') SN LANDED AT: 3986,3' KB XO 2-3/8 J-55 AT: 3987 43 XO 2-7/8 J-55 AT: 3987.93 TBG PUP 2-3/8 J-55 AT: 3988.4°

SEAL BORE PACKER AT: 3988.4' TOTAL STRING LENGTH: EOT @ 3995.53

#### On Off Tool @ 3917'

Packer @ 3922'

S/N Nipple @ 3986' Seal Bore Packer @ 3990 EOT @ 3996'

4567' - 4572'

4576' - 4589 4614' - 4616'

4620' - 4632'

4723'- 4731'

4820'- 4831'

CIBP @ 4940'

SHOE @ 5020'

6-1/4" Hole

TD @ 8816'

NEWFIELD

Ashley Federal 10-24R-9-15 1840 FSL 2000 FEL NWSE Section 24-T9S-R15E Duchesne Co. Utah API #43-013-15781; Lease #U-02458

LCN 01/04/13



Governor

GREGORY S. BELL Lieutenant Governor

### State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

#### UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-390

Operator:

Newfield Production Company

Well:

Ashley Federal 10-24R

Location:

Section 24, Township 9 South, Range 15 East

County:

Duchesne

API No.:

43-013-15781

Well Type:

Enhanced Recovery (waterflood)

#### Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on October 1, 2012.
- 2. Maximum Allowable Injection Pressure: 1,747 psig
- Maximum Allowable Injection Rate: (restricted by pressure limitation) 3.
- 4. Injection Interval: Green River Formation (3,877' - 4,940')
- Any subsequent wells drilled within a ½ mile radius of this well shall have 5. production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

ociate Director

1/31/13

JR/MLR/is

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Eric Sundberg, Newfield Production Company, Denver Newfield Production Company, Myton Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC





March 30, 2012

Mr. Mark Reinbold State of Utah Division of Oil, Gas and Mining 1594 W North Temple Salt Lake City, Utah 84114-5801

RE:

Permit Application for Water Injection Well

Ashley Federal #10-24R-9-15

Monument Butte Field, Lease #UTU-02458

Section 24-Township 9S-Range 15E

Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #10-24R-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Eric Sundberg Regulatory Lead

APR 0 3 2012

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL ASHLEY FEDERAL #10-24R-9-15 MONUMENT BUTTE FIELD (GREEN RIVER) FIELD LEASE #UTU-02458

MARCH 30, 2012

#### TABLE OF CONTENTS

LETTER OF INTENT **COVER PAGE** TABLE OF CONTENTS UIC FORM 1 – APPLICATION FOR INJECTION WELL WELLBORE DIAGRAM OF PROPOSED INJECTION WORK PROCEDURE FOR INJECTION CONVERSION COMPLETED RULE R615-5-1 OUESTIONNAIRE COMPLETED RULE R615-5-2 QUESTIONNAIRE ATTACHMENT A ONE-HALF MILE RADIUS MAP ATTACHMENT A-1 WELL LOCATION PLAT LIST OF SURFACE OWNERS WITHIN ONE-HALF MILE RADIUS ATTACHMENT B ATTACHMENT C CERTIFICATION FOR SURFACE OWNER NOTIFICATION ATTACHMENT E WELLBORE DIAGRAM - ASHLEY FEDERAL #10-24R-9-15 ATTACHMENT E-1 WELLBORE DIAGRAM - ASHLEY FEDERAL #6-24-9-15 WELLBORE DIAGRAM - ASHLEY FEDERAL #7-24-9-15 ATTACHMENT E-2 ATTACHMENT E-3 WELLBORE DIAGRAM - ASHLEY FEDERAL #8-24-9-15 **ATTACHMENT E-4** WELLBORE DIAGRAM - ASHLEY FEDERAL #9-24-9-15 ATTACHMENT E-5 WELLBORE DIAGRAM - ASHLEY FEDERAL #11-24-9-15 ATTACHMENT E-6 WELLBORE DIAGRAM - ASHLEY FEDERAL #14-24-9-15 ATTACHMENT E-7 WELLBORE DIAGRAM - ASHLEY FEDERAL #15-24-9-15 **ATTACHMENT E-8** WELLBORE DIAGRAM - ASHLEY FEDERAL #16-24-9-15 **ATTACHMENT E-9** WELLBORE DIAGRAM – ASHLEY FEDERAL #2-25-9-15 ATTACHMENT F WATER ANALYSIS FRACTURE GRADIENT CALCULATIONS ATTACHMENT G ATTACHMENT G-1 FRACTURE REPORTS DATED - 9/24/1996 - 10/16/96 ATTACHMENT H WORK PROCEDURE FOR PROPOSED PLUG AND ABANDON ATTACHMENT H-1 WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

#### STATE OF UTAH DIVISION OF OIL, GAS AND MINING

#### APPLICATION FOR INJECTION WELL - UIC FORM 1

## **RECEIVED**

AUS 3 1 2012

OPERATOR	Newfield Production Company		
ADDRESS	1001 17th Street, Suite 2000		
	Denver, Colorado 80202		

DIV. OF OIL, GAS & MINING

Well Name and nu		Ashley Fed		24R-9-15			<u></u>		
Field or Unit name	: Monument B	utte (Green	River)	· · · · · · · · · · · · · · · · · · ·			Lease No.	UTU-0245	58
Well Location: QC	NWSE	_ section	24	township	<u>9</u> \$	_range	15E	county	Duchesne
Is this application t	for expansion o	f an existing	project?			Yes [X]	No [ ]	11 than .	
Will the proposed			Enhance Disposal?	d Recovery?		Yes [X]	No[] No[X]		
Is this application to the second sec	s for an existing t been perform	well,							
Proposed injection Proposed maximul Proposed injection mile of the well.	m injection:	from rate [x ] oil, [ ] g	3877 500 bpd as, and/or	to pressure [ ] fresh wa	4940 1747 ater within	_ _psig 1/2			
	IMPOR	ΓANT:		l information ny this form.	as require	d by R615	-5-2 should		
List of Attachments	s:	Attachmen	ts "A" thro	ough "H-1"					
I certify that this re	port is true and	complete to	the best	of my knowle	edge.				
Name: <u>Eri</u> Title Re	c Sundberg gulatory Lead 03) 893-0102			Signature Date		4/2/201	12		
(State use only) Application approv Approval Date	ed by	·				_Title			
Comments:	<del></del>			<u> </u>					7

#### Ashley Federal #10-24R

#### Formerly Castle Peak Unit #1

Casing Shoe @ 210'

TOC @ 3525'

Proposed Injection Wellbore Diagram

Initial Production: 44 BOPD, 33 MCFPD, 5 BWPD

#### SURFACE CASING

Recompletion Date: 9/24/96

Put on Production: 10/15/96

GL: 6259.7' KB: 6268'

CSG SIZE: 13-3/8" GRADE: ? WEIGHT:48# LENGTH: ? its. DEPTH LANDED: 2103 HOLE SIZE:17-1/4" CEMENT DATA: 300 sx

#### FRAC JOB

10/4/96 4820'-4831' Frac B-2 sand as follows: 34,000# of 20/40 sand in 210 bbls of Boragel. @ 18 bpm. Well screened out w/6# on formation, Est. 26,800# in formation & 7200# left ion tbg. Flowed

well back until died.

10/8/96 4723'-4731'

Frac C sand as follows: Screened out on 5# sd w/10,600# of 20/40 sd in formation. Used 164 bbls of Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi. ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and

10/11/96 4567'-4632'

1/3/03

PACKER @ 4517' 4567' - 4572'

4576' - 4589' 4614' - 4616' 4620' - 4632' 4723'- 4731'

4820'- 4831'

CIBP @ 4940'

6-1/4" Hole

TD @ 8816'

SHOE @ 5020'

Frac D-1 and D-2 sands as follows: 77,700# of20/40 sand in 402 bbls of Boragel. Breakdown @ 3010 psi. Treated @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi. Flowback on 12/64" ck for 10 min and

Tubing Leak. Update tubing and rod

detail

#### PRODUCTION CASING

CSG SIZE: 7" GRADE:J-55 WEIGHT: 23# LENGTH: ? DEPTH LANDED: 5020' HOLE SIZE: ?

CEMENT DATA: 500 sx cement with 1% flac added

CEMENT TOP AT: 3525' per CBL

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5# NO. OF JOINTS: 153 jts (4760.49') TUBING ANCHOR: 4762.68' SEATING NIPPLE; 2-7/8" (1.10') SN LANDED AT: 4795,27' NO. OF JOINTS: 1 jts (4797.17") NO. OF JOINTS: 2 jts (4857.67') TOTAL STRING LENGTH: EOT @ 4858.11'

#### PERFORATION RECORD

10/2/96 4820'-4831' 4 ISPE 10/5/96 4723'-4731' 4 JSPF 32 holes 10/9/96 4567'-4572' 4 JSPF 20 holes 10/9/96 4576'-4589' 4 JSPF 52 holes 10/9/96 4614'-4616' 4 JSPF 8 holes 10/9/96 4620'-4632' 4 JSPF



Ashley Federal #10-24R 1840 FSL 2000 FEL NWSE Section 24-T9S-R15E Duchesne Co, Utah API #43-013-15781; Lease #U-02458

#### WORK PROCEDURE FOR INJECTION CONVERSION

- 1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
- 2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
- 3. Test casing and packer.
- 4. Rig down and move out.

## REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1 The name and address of the operator of the project.

Newfield Production Company 1001 17<sup>th</sup> Street, Suite 2000 Denver, Colorado 80202

A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the Ashley Federal #10-24R-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the Ashley Federal #10-24R-9-15 well, the proposed injection zone is from Garden Gulch to Wasatch (3877' - 5989'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3541' and the Wasatch is at 5989'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the Ashley Federal #10-24R-9-15 is on file with the Utah Division of Oil, Gas and Mining.

2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.

See Attachment B.

2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.

See Attachment C.

2.10 Any additional information the Board may determine is necessary to adequately review the petition.

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.

This proposed injection well is on a Federal lease (Lease #UTU-02458) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

### REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V – RULE R615-5-2

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.

See Attachments A and B.

2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.

All logs are on file with the Utah Division of Oil, Gas and Mining.

A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.

The casing program is 8-5/8", 24# surface casing run to 210' KB, and 5-1/2", 15.5# casing run from surface to 5020' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

See Attachment F.

### The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1747 psig.

2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the Ashley Federal #10-24R-9-15, for existing perforations (4567' - 4831') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1747 psig. We may add additional perforations between 3541' and 5989'. See Attachments G and G-1.

2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the Ashley Federal #10-24R-9-15, the proposed injection zone (3877' - 5989') is in the Garden Gulch to the Wasatch of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-9.

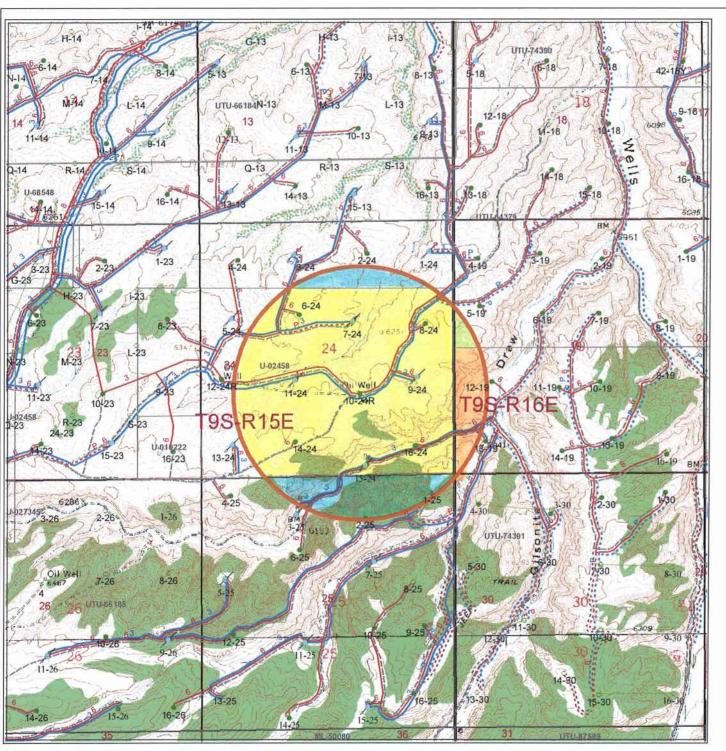
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

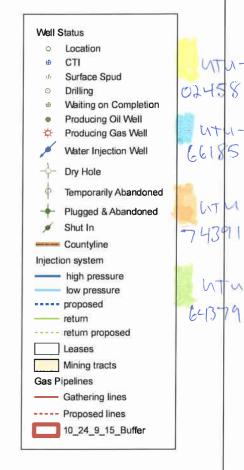
See Attachment C.

2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.

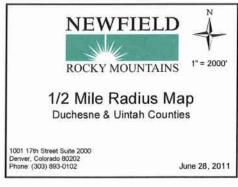
Newfield Production Company will supply any requested information to the Board or Division.



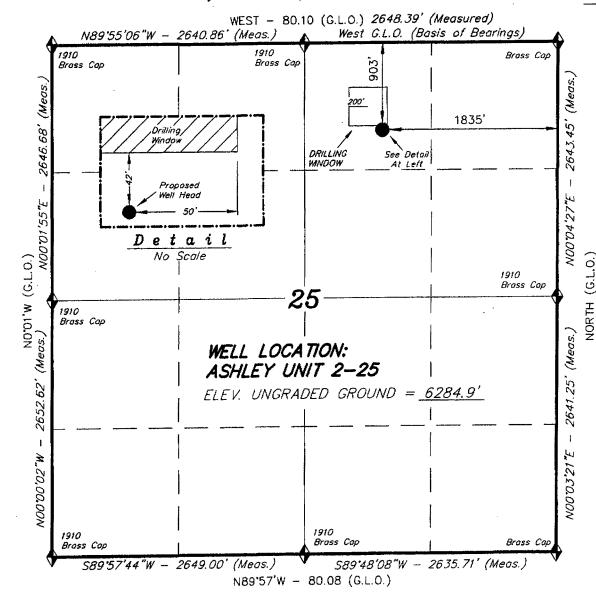
ATTACHMENT A



Ashley 10-24R Section 24, T9S-R15E



## T9S, R15E, S.L.B.&M.



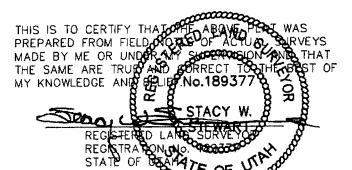
= SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

### NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 2-25, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 25, T9S, R15E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

## ATTACHMENT A-



### TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

(100) 101 2001									
SCALE: 1" = 1000'	SURVEYED BY: D.P.								
DATE: 7-11-05	DRAWN BY: F.T.M.								
NOTES:	FILE #								

### **EXHIBIT B**

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R16E SLM Section 19: E2SW,SE, Lots 3,4 Section 20: S2 Section 29: ALL Section 30: ALL	USA UTU-74391 HBP	ABO Petroleum Corporation Myco Industries Inc Newfield Production Company Newfield RMI LLC Yates Drilling Company Yates Petroleum Corporation	USA
4	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, lots 3,4 Section 19: NE, E2NW, Lots 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corporation	USA

### ATTACHMENT C

### CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE:	Application for Approval of Class II Injection Well Ashley Federal #10-24R-9-15
I hereby one-half	certify that a copy of the injection application has been provided to all surface owners within a finile radius of the proposed injection well.
Signed:	Newfield Production Company Eric Sundberg Regulatory Lead
Sworn to	o and subscribed before me this 2nd day of April , 2012.
Notary F	Public in and for the State of Colorado: AMMU L. Stutly
My Con	My Commission Expires  O2/10/2013  My Commission Expires  O2/10/2013

## Ashley Federal #10-24R

Recompletion Date: 9/24/96 GL: 6259.7' KB: 6268' Put on Production: 10/15/96

Formerly Castle Peak Unit #1

Initial Production: 44 BOPD, 33 MCFPD, 5 BWPD

#### Put on Production: 10/15/96 Wellbore Diagram SURFACE CASING FRAC JOB CSG SIZE: 13-3/8" 10/4/96 4820'-4831' Frac B-2 sand as follows: GRADE: ? 34,000# of 20/40 sand in 210 bbls of Boragel. @ 18 bpm. Well screened out WEIGHT:48# w/6# on formation. Est. 26,800# in formation & 7200# left ion tbg. Flowed Casing Shoe @ 210' LENGTH: ? its. well back until died. DEPTH LANDED: 210 10/8/96 4723'-4731' Frac C sand as follows: HOLE SIZE:17-1/4" Screened out on 5# sd w/10,600# of CEMENT DATA: 300 sx 20/40 sd in formation. Used 164 bbls of Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi. ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and 10/11/96 4567'-4632' Frac D-1 and D-2 sands as follows: 77,700# of20/40 sand in 402 bbls of PRODUCTION CASING Boragel. Breakdown @ 3010 psi. Treated CSG SIZE: 7' @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi Flowback on 12/64" ck for 10 min and GRADE: L-55 WEIGHT: 23# 1/3/03 Tubing Leak. Update tubing and rod LENGTH: ? DEPTH LANDED: 5020' HOLE SIZE: ? CEMENT DATA: 500 sx cement with 1% flac added CEMENT TOP AT: 3525' per CBL **TUBING** TOC @ 3525' SIZE/GRADE/WT .: 2-7/8" / M-50 / 6.5# PERFORATION RECORD NO. OF JOINTS: 153 its (4760.49') 10/2/96 4820'-4831' 4 ISDE 44 holes TUBING ANCHOR: 4762,68" 10/5/96 4723'-4731' 4 JSPF 32 holes 10/9/96 4567'-4572' 4 JSPF SEATING NIPPLE: 2-7/8" (1.10") 20 holes 10/0/06 4576'-4589' 4 JSPF SN LANDED AT: 4795.27' 4614'-4616' 10/9/96 4 ISPE 8 holes 4620'-4632' NO. OF JOINTS: 1 jts (4797.17") 4 ISPF NO. OF JOINTS: 2 jts (4857.67') 4567' - 4572' TOTAL STRING LENGTH: EOT @ 4858.11' 4576' - 4589' 4614' - 4616' 4620' - 4632' 4723'- 4731' SUCKER RODS ANCHOR @ 47633 SN @ 4795' POLISHED ROD: 1-1/2" x 22" SUCKER RODS: 1 - 2', 1 -6', 1 - 4' x 3/4" pony rods, 115-3/4" scrapered, 60-4820'- 4831' 3/4" plain rods, 10-3/4" scrapered rods, 6- 1 1/2" weight bars. EOT @ 4858' PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC PMP STROKE LENGTH: 74" CIBP @ 4940' PUMP SPEED, SPM: 4 SPM LOGS: CBL, GR - SHOE @ 5020' 6237 6-1/4" Hole

TD @ 8816'

Ashley Federal #10-24R 1840 FSL 2000 FEL NWSE Section 24-T9S-R15E Duchesne Co, Utah API #43-013-15781; Lease #U-02458

NEWFIELD

### Ashley Federal 6-24-9-15

Spud Date: 07/03/06 Initial Production: BOPD, Put on Production: 08/09/06 Wellbore Diagram MCFD, BWPD K.B.: 6253, G.L.: 6241 SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 08/03/06 5690-5705 Frac CP4 sands as follows: GRADE: J-55 Cement Top@ 823 45123# 20/40 sand 428 bbls Lightning 17 frac fluid. Treated@ avg press of 1888 psi w/avg rate of 25 BPM. ISIP 1825 psi. Calc flush: 5703 gal. Actual flush: 5208 gal. WEIGHT: 24# LENGTH: 7 jts. (310.14') DEPTH LANDED: 321,99' KB 08/03/06 5586-5607 Frac CP2 sands as follows: Casing Shoe @ 322' 55280# 20/40 sand in 468 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1869 psi w/avg rate of 25 BPM. ISIP 1930 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. flush: 5605 gal. Actual flush: 5040 gal. Frac LODC sands as follows: 08/03/06 5094-5176 109900#20/40 sand in 779 bbls Lightning 17 frac fluid. Treated @ avg press of 2124 psi w/avg rate of 25 BPM. ISIP 2350 psi. Calc flush: 5174 gal. Actual flush: 4578 gal. 08/03/06 4810-48883 Frac B1, B2 sands as follows: 135567# 20/40 sand in 929 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 1605 psi w/avg rate of 25.3 BPM. ISIP 1720 psi. Calc CSG SIZE: 5-1/2' flush: 4886 gal. Actual flush: 4284 gal. GRADE: J-55 08/04/06 4034-4044 Frac GB4 sands as follows: WEIGHT: 15.5# 52617# 20/40 sand in 442 bbls Lightning 17 frac fluid. Treated@ avg press of 1691 psi LENGTH: 137 jts. (5976.93') w/avg rate of 25.1 BPM. ISIP 2120 psi. Calc DEPTH LANDED: 5990.18' KB flush: 4042 gal. Actual flush: 3906 gal. HOLE SIZE: 7-7/8' CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ CEMENT TOP: 82° 04/04/07 Pump Change: Rod & tubing detail updated. 5-15-07 Pump Change: Rod & tubing detail updated. 04-08-10 Parted Rods: Rod & tubing detail updated. **TUBING** 01/26/11 Pump Change: Rod & tubing detail updated. SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 179 jts (5663.5') TUBING ANCHOR: 5663.5' KB NO. OF JOINTS: 2 jts (63.40') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5729.7.' KB NO. OF JOINTS: 2 jts (63.40') 4034-4044 TOTAL STRING LENGTH: EOT @ 5795.' KB 4810-4817 PERFORATION RECORD SUCKER RODS 4850-48663 4870-4874 07/27/06 5690-5705" 4 JSPF 60 holes 08/03/06 5586-5607' 4 JSPF 84 holes POLISHED ROD: 1-1/2" x 26' SM 4884-4888 08/03/06 5160-5176 SUCKER RODS: 1-4, 1-6', x 3/4" pony rods, 99-3/4" 4 per guided rods, 88-5094-5109' 4 ISPF 64 holes 5149-5156 08/03/06 4 JSPF 28 holes 3/4" sucker rods, 35-3/4" guided rods, 6-1 1/2" sinker bars. 1-1" x 4' 3 per pony 5149-5156' 08/03/06 5094-5109 4 JSPF 40 holes PUMP SIZE: 2-1/2" x 1-1/2" x 13' x 16' RHAC w/SM plunger 08/03/06 4884-48883 4 JSPF 16 holes 5160-5176 08/03/06 4870-48743 4 ISPE 16 holes STROKE LENGTH: 86' 08/03/06 4850-48663 4 JSPF 64 holes PUMP SPEED, 5 SPM: 08/03/06 4810-4817 28 holes 5586-5607 08/03/06 4034-4044 4 JSPF 40 holes Anchor @ 5664 5690-5705 SN @ 5730' EOT @ 5795' **NEWFIELD** PBTD @ 5945' Ashley Federal 6-24-9-15 TD @ 6012' 1913' FNL & 2076' FWL SE/NW Section 24-T9S-R15E Duchesne Co. Utah API #43-013-32874; Lease #UTU-02458

## Ashley Federal 7-24-9-15

Spud Date: 3-7-05 Initial Production: 71 BOPD, Put on Production: 5-4-05 Injection Wellbore 22 MCFD, 96 BWPD GL: 6206' KB: 6218' Diagram FRAC JOB 4-26-05 5560-5640 Frac CP2 & CP 3 sand as follows: 90655#'s 20/40 sand in 685 bbls Lightning 17 frac fluid. Treated@ avg press of 1734 psi SURFACE CASING w/avg rate of 25 BPM, ISIP 1920 psi, Calc flush: 5558 gal. Actual flush: 5376 gal. CSG SIZE: 8-5/8" 4-26-05 4831-4862 Frac B2 sand as follows: GRADE: J-55 84061#'s 20/40 sand in 631 bbls Lightning WEIGHT: 24# 17 frac fluid. Treated@ avg press of 1880 psi w/avg rate of 25.2 BPM, ISIP 2230 psi, Calc LENGTH: 7 jts. (296.01') flush: 4829 gal. Actual flush: 4700 gal. DEPTH LANDED: 306.91' KB Cement Top @ 1000' Frac C, sand as follows: 4-26-05 4706-4716 HOLE SIZE:12-1/4" 20554#'s 20/40 sand in 248 bbls Lightning 17 frac fluid. Treated@ avg press of 2559 psi CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. w/avg rate of 25 BPM, ISIP 2500 psi. Calc flush: 4704 gal. Actual flush: 4578 gal. 4-26-05 4552-4625 Frac D1 &D2 sand as follows: PRODUCTION CASING 93372#'s 20/40 sand in 655 bbls Lightning 17 frac fluid. Treated@ avg press of 1840 psi CSG SIZE: 5-1/2' w/avg rate of 25.1 BPM. ISIP 2065 psi. Calc GRADE: J-55 flush: 52220 gal. Actual flush:4548 gal. WEIGHT: 15.5# 5-23-05 Pump Change. Update rod and tubing detail. LENGTH: 164 jts. (5907.41') 1/10/07 Well converted to an Injection well. MIT DEPTH LANDED: 5908,70' KB completed and submitted. HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II & 400 sxs 50/50 POZ. CEMENT TOP AT: 1000' TUBING SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 136 jts (4491.93') Packer @ 4508' SEATING NIPPLE: 2-7/8" (1.10") EOT @ 4512' SN LANDED AT: 4503.93' KB TOTAL STRING LENGTH: EOT @ 4512.13' KB 4552-4566 4620-4625 4706-4716 4831-4837 PERFORATION RECORD 4854-4862 4-15-05 5560-5572' 4 JSPF 48 holes 4-15-05 5625-5640' 4 JSPF 60 holes 4-26-05 4831-4837' 4 JSPF 24 holes 4-26-05 4854-4862' 4 JSPF 32 holes 4-26-05 4706-4716' 4 JSPF 40 holes 4-26-05 4552-4566' 4 JSPF 56 holes 4-26-05 4620-4625 4 JSPF 20 holes 5560-5572 5625-5640` NEWFIELD PBTD @ 5873' Ashley Federal 7-24-9-15 2067' FNL & 2095' FEL SHOE @ 59097 SW/NE Section 24-T9S-R15E TD @ 5928 Duchesne Co, Utah

API #43-013-32485; Lease #UTU-02458

## Ashley Federal 8-24-9-15

Spud Date: 7-5-06 Initial Production: BOPD, Put on Production: 9-1-06 Wellbore Diagram MCFD, BWPD GL: 6201' KB: 6213' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 08-29-06 5257-5272' Frac LODC sands as follows: Casing Shoe @ 321 GRADE: J-55 40499# 20/40 sand in 430 bbls Lightning 17 frac fluid. Treated @ avg press of 2365 psi w/avg rate of 25 BPM. ISIP 2475 psi. Calc WEIGHT: 24# Cement top @ 350' flush: 5255 gal. Actual flush: 4746 gal. LENGTH: 7 its (309.21') DEPTH LANDED: 321.06' KB 08-29-06 4960-4972 Frac A1 sands as follows: 70637# 20/40 sand in 522 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 1895 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4958 gal, Actual flush: 4444 gal. CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. 08-29-06 4682-4750° Frac C, & D3 sands as follows: 34614# 20/40 sand in 374 bbls Lightning 17 frac fluid. Treated @ avg press of 2035psi w/avg rate of 24.9 BPM. ISIP 1750 psi. Calc flush: 4680 gal. Actual flush: 4162 gal. PRODUCTION CASING 08-29-06 4572-45863 Frac D1 sands as follows: CSG SIZE: 5-1/23 75771# 20/40 sand in 562 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 w/ avg rate of 25 BPM. ISIP 2025 psi. Calc GRADE: J-55 WEIGHT: 15.5# flush: 4570 gal. Actual flush: 4440 gal. LENGTH: 135 jts. (5918.43') DEPTH LANDED: 5931.68' KB HOLE SIZE: 7-7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. CEMENT TOP AT: 350' **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 165 jts (5559.84') TUBING ANCHOR: 5239.99' KB NO. OF JOINTS: 1 its (31.74') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5274.53' KB NO. OF JOINTS: 2 jts (63.37') TOTAL STRING LENGTH: EOT @ 5339.45' KB PERFORATION RECORD SUCKER RODS 08-16-06 5257-5272' 4 JSPF 60 holes 08-29-06 4960-4972' 4 JSPF 48 holes POLISHED ROD: 1-1/2" x 22' SM 08-29-06 4744-4750' 4 JSPF 24 holes SUCKER RODS: 1-8', 1-6', 2-4', & 1-2' X ¾" pony rods, 99- ¾" scrapered 4 JSPF 08-29-06 4682-4687' 20 holes rods, 94- 3/4" plain rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 08-29-06 4572-4586' 4 JSPF 56 holes PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC w/SM plunger 4572-4586 STROKE LENGTH: 86" 4682-4687 PUMP SPEED, SPM: 5 SPM 4744-4750 4960-4972 Anchor @ 5240' 5257-5272 SN 5275' EOT @ 5340° NEWFIELD PBTD @ 5910' Ashley Federal 8-24-9-15 TD @ 5965 2130' FNL & 584' FEL SE/NE Section 24-T9S-R15E Duchesne Co, Utah

API # 43-013-32818; Lease # UTU-02458

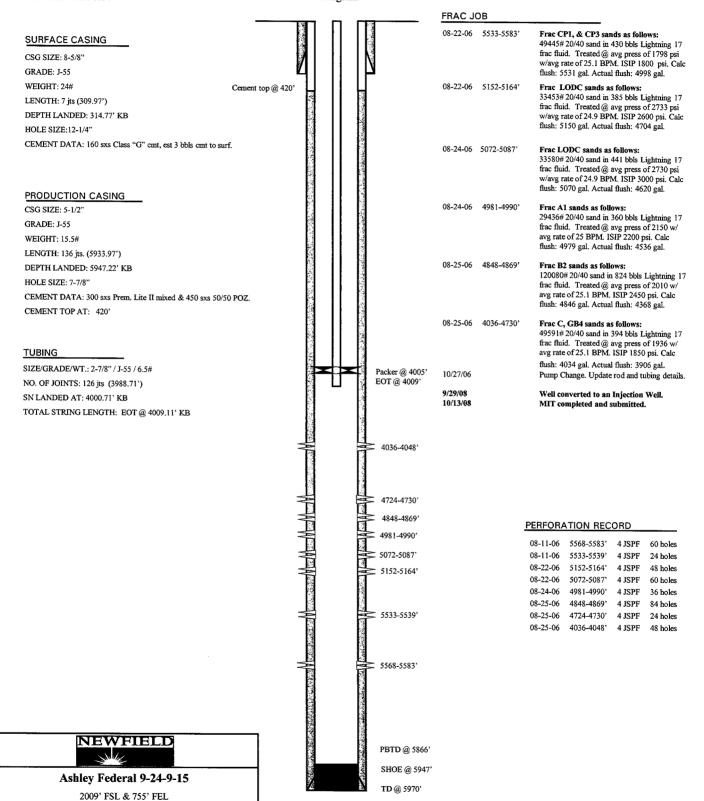
## Ashley Federal 9-24-9-15

Spud Date: 7-7-06 Put on Production: 8-30-06 GL: 6242' KB: 6254'

> NE/SE Section 24-T9S-R15E Duchesne Co. Utah API # 43-013-32819; Lease # UTU-02458

Injection Wellbore Diagram

Initial Production: BOPD. MCFD, BWPD



## Ashley Federal 11-24-9-15

Spud Date: 03/28/05 Put on Production: 05/27/05 GL: 6240' KB: 6250'

Injection Wellbore Diagram

Initial Production: BOPD 34, MCFD 107, BWPD 80

FRAC JOB Cement Top @ 114 SURFACE CASING 05/19/05 5528'-5600' Frac CP3 and CP2 sands as follows: 101,424# of 20/40 sand in 794 bbls lightning frac 17 fluid. Treated @ avg press of 1900 GRADE: J-55 w/ avg rate of 24.8 bpm. ISIP 2100 psi. WEIGHT: 24# Calc flush: 5526 gal. Actual flush: 5502 gal. LENGTH: 7 jts. (302.2') 05/19/05 5082'-5174' Frac LODC sands as follows: 120,399# of 20/40 sand in 837 bbls lightning DEPTH LANDED: 312.2 frac 17 fluid. Treated @ avg press of 2495 HOLE SIZE: 12 1/4" w/avg rate of 24.8 bpm. ISIP 2720 psi. Calc flush: 5080 gal. Actual flush: 5124 gal. CEMENT DATA: 160sxs Class G with 2% CaCL. 5 bbls cmt to pit 05/20/05 4938'-4946 Frac A3 sands as follows: 27,296# of 20/40 sand in 305 bbl lightning 17 frac fluid. Treated @ avg press of 2388 w/avg rate of 24.8 bpm. ISIP 2580 psi. Calc flush: 4936 gal. Actual flush: 4956 gal. PRODUCTION CASING Frac B2 sands as follows: 98,819# of 20/40 sand in 706 bbls lightning frac 17 fluid. Treated @ avg press of 1778 w/avg rate of 25 bpm. ISIP 2000 psi. Calc 05/20/05 4791'-4819' CSG SIZE: 5 1/2" GRADE: I-55 WEIGHT: 15.5# flush: 4789 gal. Actual flush: 4830 gal. LENGTH: 164 jts. (5839.01') DEPTH LANDED: 5837.01' KB 05/20/05 4366'-4372' Frac X-Stray sands as follows: 35,995# of 20/40 sand in 346 bbls lightning 17 frac fluid. Treated @ avg press of 2485 w/avg rate of 24.7 bpm. ISIP 1490 psi. Calc HOLE SIZE: 7 7/8" CEMENT DATA: 300 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ mix. flush: 4364 gal. Actual flush: 4284 gal. CEMENT TOP AT: 114' 11-30-05 Pump change: Update rod and tubing details. 12-12-05 Water Isolation. Packer @ 4319 **TUBING** 6-16-06 Re-Completion: Update rod and tubing detail EOT @ 4336' 09-29-06 Pump Change: Updated tubing and rod detail, SIZE/GRADE/WT .: 2 7/8" / J-55 / 6.5# 12-1-06 Pump Change: Updated tubing and rod detail. NO. OF JOINTS: 131 jts (4303') 4/24/07 Well converted to an Injection well. MIT completed and submitted on 5/14/07. SEATING NIPPLE: 2 7/8" (1.10') SN LANDED AT: 4334.80' KB TOTAL STRING LENGTH: 4336.35' w/ 12' KB 4694'-4698' 4791-4819 4938'-4946' 5082'-5088' 5120'-5132' 5151'-5164' 5169'-5174' PERFORATION RECORD 05/09/05 5593'-5600' 28 holes 05/09/05 5528'-5558' 2 JSPF 28 holes 5528'-5558' 05/19/05 5169'-5174' 4 JSPF 20 holes 05/19/05 5151'-5164' 52 holes 5593'-5600' 05/19/05 5120'-5132' 4 ISPE 48 holes 05/19/05 5082'-5088' 4 JSPF 24 holes 05/19/05 4938'-4946' 4 JSPF 32 holes 05/20/05 4694'-4698' 4 JSPF 16 holes (No Frac) 05/20/05 4791'-4819' 4 ISPE 112 holes 05/20/05 4366'-4372' 4 JSPF 24 holes NEWFIELD Top of Fill & PBTD @ 5800'

SHOE @ 5837'

TD @ 5860'

ASHLEY FEDERAL 11-24-9-15

1981' FSL & 1980' FWL NE/SW Section 24-T9S-R15E Duchesne Co, Utah API #43-013-32424; Lease #UTU-02458

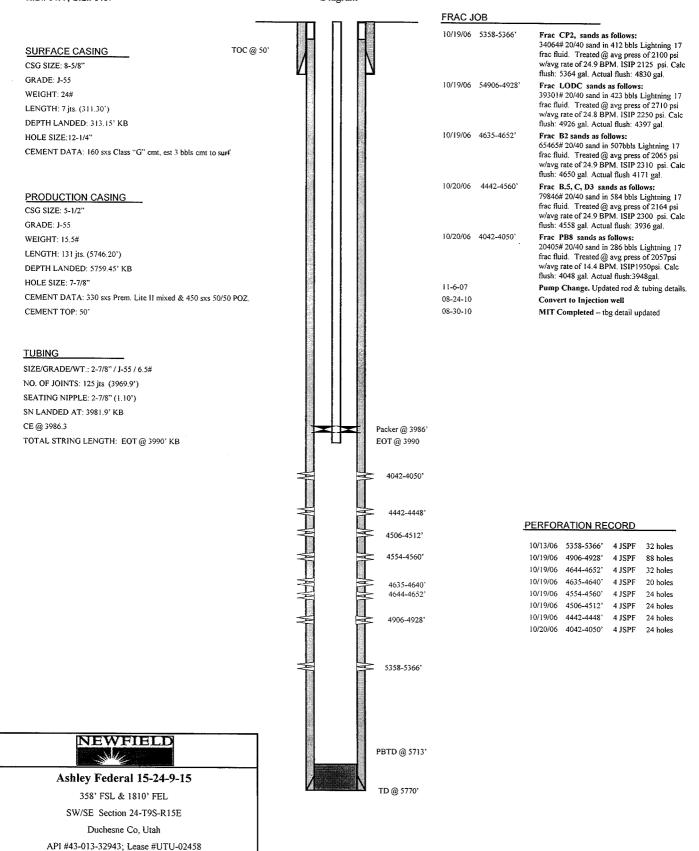
## Ashley Federal 14-24-9-15

Spud Date: 7-11-06 Initial Production: BOPD, Put on Production: 8-23-06 Wellbore Diagram MCFD. BWPD GL: 6312' KB: 6324' SURFACE CASING FRAC JOB CSG SIZE: 8-5/8" 08-17-06 5356-5452 Frac CP1, LODC sands as follows: GRADE: J-55 59208# 20/40 sand in 561 bbls Lightning 17 frac fluid. Treated @ avg press of 1838 psi w/avg rate of 25 BPM. ISIP 2100 psi. Calc flush: 5356 gal. Actual flush: 4872 gal. WEIGHT: 24# Cement top @ 100' LENGTH: 7 its (310.55') DEPTH LANDED: 322,40' KB 08-17-06 5210-52233 Frac LODC sands as follows: 64716# 20/40 sand in 518 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated@ avg press of 2884 psi w/avg rate of 24.8 BPM. ISIP 3100 psi. Calc CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. flush: 5208 gal. Actual flush: 4746 gal. 08-17-06 5056-5070 Frac LODC sands as follows: 34203# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2277 psi w/avg rate of 24.9 BPM. ISIP 2650 psi. Calc flush: 5054 gal. Actual flush: 4578 gal. PRODUCTION CASING Frac B2 sands as follows: CSG SIZE: 5-1/2' 08-17-06 4800-48123 39247# 20/40 sand in 417 bbls Lightning 17 GRADE: J-55 frac fluid. Treated @ avg press of 1885 w/ avg rate of 24.9 BPM, ISIP 2000 psi. Calc WEIGHT: 15.5# flush: 4798 gal. Actual flush: 4326 gal. LENGTH: 137 jts. (5942.68') 08-17-06 4707-4715' Frac C sands as follows: DEPTH LANDED: 5955.93' KB 42615# 20/40 sand in 424 bbls Lightning 17 HOLE SIZE: 7-7/8" frac fluid. Treated@ avg press of 2291 w/ avg rate of 25 BPM. ISIP 2150 psi. Calc CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ flush: 4705 gal. Actual flush: 4620 gal. CEMENT TOP AT: 100' 10/28/10 Pump Change. Rod & tubing updated. TUBING SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5# 4707-4715 NO. OF JOINTS: 170 its (5384.') 4800-4812 TUBING ANCHOR: 5384' KB NO. OF JOINTS: 2 jts (63.39') SEATING NIPPLE: 2-7/8" (1.10') = 5056-5070° SN LANDED AT: 5450 2' KB NO. OF JOINTS: 2 its (63.25') 5210-5223 TOTAL STRING LENGTH: EOT @ 5515.' KB 5356-5375 Anchor @ 5384 PERFORATION RECORD SUCKER RODS SN 5450' 5440-5452 08-04-06 5440-5452' 4 JSPF 48 holes 08-04-06 5356-5375' 4 JSPF 76 holes POLISHED ROD: 1-1/2" x 22' SM SUCKER RODS: 1-2', 1-4', 1-6', 1-8' X %" pony rods, 100- %" Norris guided rods, 101-3/4" guided rods, 10- %" guided rods, 6-1 %" sinker bars. 08-17-06 5210-5223' 4 ISPF 52 holes 5056-5070' 4 JSPF 56 holes 08-17-06 4800-4812' PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 16' RHAC w/SM plunger 4 ISPF 48 holes 08-17-06 4707-4715' 4 JSPF 32 holes STROKE LENGTH: 86" PUMP SPEED, SPM: 4.5 SPM EOT @ 55157 NEWFIELD PBTD @ 5934' SHOE @ 5955' Ashley Federal 14-24-9-15 TD @ 5975' 706' FSL & 1978' FWL SE/SW Section 24-T9S-R15E Duchesne Co, Utah TW 12/27/10 API # 43-013-32821; Lease # UTU-02458

## Ashley Federal 15-24-9-15

Spud Date: 09/06/06 Put on Production: 5873 K.B.: 6499, G.L.: 6487

Injection Wellbore Diagram



### ASHLEY FEDERAL 16-24-9-15

Spud Date: 09/02/06 Initial Production: BOPD, Put on Production: 10/24/06 Wellbore Diagram MCFD. BWPD GL: 6080' KB: 6092' **SURFACE CASING** FRAC JOB CSG SIZE: 8-5/8" 10/17/06 4724-4732 Frac A1 sands as follows: GRADE: J-55 34968# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2380 psi WEIGHT: 24# Cement Top @ 190 w/avg rate of 25 BPM. ISIP 2800 psi. Calc LENGTH: 7 jts. (311.45') flush: 4722 gal. Actual flush: 4662 gal. DEPTH LANDED: 323,30' KB 10/17/06 4614-4622 Frac B2 sands as follows: 34408# 20/40 sand in 371 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2140 psi CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf. w/avg rate of 24.9 BPM, ISIP 2050 psi. Calc flush: 4612 gal. Actual flush: 4116 gal. 10/17/06 4506-4514' Frac D3 sands as follows: 69835# 20/40 sand in 522 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2150 psi. Calc flush: 4504 gal. Actual flush: 3990 gal. 10/17/06 4342-4354' Frac D1 sands as follows: PRODUCTION CASING 79810#20/40 sand in 578 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 25 BPM, ISIP 2300 psi, Calc CSG SIZE: 5-1/2" flush: 4340 gal. Actual flush: 3864 gal. GRADE: J-55 10/17/06 4264-4275 Frac DS2 sands as follows: WEIGHT: 15.5# 48615# 20/40 sand in 403 bbls Lightning17 frac fluid. Treated @ avg press of 2460 psi w/avg rate of 24.9 BPM. ISIP 2580 psi. Calc LENGTH: 130 jts. (5697.47') DEPTH LANDED: 5710.72' KB 4264-4275 flush: 4262 gal. Actual flush: 4158 gal. HOLE SIZE: 7-7/8' 12-13-07 Pump Change. Updated rod & tubing details. CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ. 4342-4354' 10/23/08 Tubing Leak. Updated rod & tubing details. CEMENT TOP: 190' 4458-44653 **TUBING** SIZE/GRADE/WT .: 2-7/8" / J-55 NO. OF JOINTS: 149 jts (4697.17') 4506-4514 TUBING ANCHOR: 4709.17' KB NO. OF JOINTS: 1 jts (31.53') SEATING NIPPLE: 2-7/8" (1.10') 4614-4622 SN LANDED AT: 4743.50' KB NO. OF JOINTS: 2 its (62.99') TOTAL STRING LENGTH: EOT @ 4808.04' KB Anchor @ 4709' PERFORATION RECORD SUCKER RODS 10/03/06 4724-4732' 4 JSPF 32 holes POLISHED ROD: 1-1/2" x 22' SM 10/17/06 4614-4622' 4 ISPF 32 holes 4724-4732 SUCKER RODS: 1-2' x ¾" pony rod, 100-3/4" scrapered rods, 73-3/4" plain 10/17/06 4506-4514' 4 JSPF 32 holes rods, 10-3/4" scrapered rods, 6-1 1/2" weight rods. 10/17/06 4458-4465' 4 JSPF 28 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 15 1/2' RHBC 10/17/06 4342-4354' 4 JSPF 48 holes 10/17/06 4264-4275' 4 JSPF 44 holes STROKE LENGTH: 84" PUMP SPEED, 5 SPM: SN 4744' EOT @ 4808' PBTD @ 5695' NEWFIELD SHOE @ 5711' **ASHLEY FEDERAL 16-24-9-15** TD @ 5760' 590'FSL & 799' FEL SE/SE Section 24-T9S-R15E Duchesne Co, Utah

API #43-013-32944; Lease #UTU-02458

## Ashley Federal 2-25-9-15

Spud Date:10/2/2006 Initial Production: Put on Production: 12/01/06 Wellbore Diagram MCFD, BWPD GL: 6285' KB: 6297' SURFACE CASING FRAC JOB CSG SIZE: 8-5/87 11/20/06 5368-5385 Frac CP1 sands as follows: GRADE: J-55 75,582# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated@ avg press of 2013 psi WEIGHT: 24# w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc LENGTH: 7 jts. (310.21') flush: 5366 gal. Actual flush: 4860 gal. Cement Top @ 54 Frac LODC sands as follows: DEPTH LANDED: 322.64' KB 11/20/06 5098-5106 35,023# 20/40 sand in 405 bbls Lightning 17 HOLE SIZE:12-1/4" frac fluid. Treated @ avg press of 2560 psi CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf. w/avg rate of 24.6 BPM. ISIP 2660 psi. Calc flush: 5096 gal. Actual flush: 4591 gal. Frac D2 sands as follows: 11/20/06 4529-4540 59,760# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.9 BPM. ISIP 2240 psi. Calc flush: 4527 gal. Actual flush: 4035 gal. 11/20/06 4403-4410 Frac DS3 sands as follows: 19,609# 20/40 sand in 291 bbls Lightning 17 PRODUCTION CASING frac fluid. Treated @ avg press of 2285 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc CSG STZE: 5-1/2 flush: 4401 gal. Actual flush: 3940 gal. GRADE: J-55 11/20/06 4252-42623 Frac PB11 sands as follows: WEIGHT: 15.5# 40,121# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 1878 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc LENGTH: 133 jts. (5878.34') DEPTH LANDED: 5891.59' KB flush: 4250 gal. Actual flush: 3746 gal. 11/20/06 3920-39403 Frac GB4 sands as follows: HOLE SIZE: 7-7/8" 47,607# 20/40 sand in 398 bbls Lightning 17 CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ. frac fluid. Treated @ avg press of 1490 psi w/avg rate of 25.1 BPM. ISIP 1570 psi. Calc CEMENT TOP: 54' flush: 3918 gal. Actual flush: 3822 gal. 03/02/07 Pump Change. Update rod and tubing details. 3/17/10 Pump Change. Updated rod and tubing detail. **TUBING** 3920-3940 SIZE/GRADE/WT .: 2-7/8" / J-55 / 6.5# NO. OF JOINTS: 169 jts (5331.0') TUBING ANCHOR: 5331.0' KB 4252-42623 NO. OF JOINTS: 1 its (31,10') SEATING NIPPLE: 2-7/8" (1.10') SN LANDED AT: 5364.9' KB 4403-4410 NO. OF JOINTS: 2 jts (63.1') TOTAL STRING LENGTH: EOT @ 5430' KB 4529-4540 5098-5106 PERFORATION RECORD SUCKER RODS 11/16/06 5368-5385' 4 JSPF 68 holes POLISHED ROD: 1-1/2" x 22' Polish Rod 11/20/06 5098-5106' 4 JSPF 32 holes SUCKER RODS: 1-4' x ¾" pony rod, 1-6' x ¾" pony rod, 100- ¾" guided 11/20/06 4529-4540' 4 JSPF 44 holes Anchor @ 5331' rods, 78- 34" sucker rods, 30- 34" guided rods, 6- 1 1/2" weight bars 11/20/06 4403-4410 4 JSPF 28 holes PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' x 16' RHAC 11/20/06 4252-4262' 4 JSPF 40 holes SN 5365' 5368-5385 11/20/06 3920-3940' 4 JSPF STROKE LENGTH: 86" 80 holes PUMP SPEED, SPM: 4 EOT @5430' PBTD @ 5740' NEWFIELD SHOE @ 5892' Ashley Federal 2-25-9-15 TD @ 5910 903'FNL & 1835' FEL NW/NE Section 25-T9S-R15E Duchesne Co. Utah API #43-013-32883; Lease #UTU-66185

### **Multi-Chem Analytical Laboratory**

1553 East Highway 40 Vernal, UT 84078

ATTACHMENT F

10f4 multi-chem A HALLIBURTON SERVICE

### Water Analysis Report

Production Company: Well Name:

**NEWFIELD PRODUCTION ASHLEY INJECTION** 

Sample Point: Sample Date:

Sample ID:

Commingled 2/7/2012

WA-206524

Sales Rep: Darren Betts Lab Tech: Gary Peterson

> Scaling potential predicted using ScaleSoftPitzer from Brine Chemistry Consortium (Rice University)

Sample Specif	fics
Test Date:	2/9/2012
System Temperature 1 (°F):	300.00
System Pressure 1 (psig):	300.00
System Temperature 2 (°F):	70.00
System Pressure 2 (psig):	14.70
Calculated Density (g/ml):	1.01
pH:	8.30
Calculated TDS (mg/L):	12947.45
CO2 in Gas (%):	0.00
Dissolved CO <sub>2</sub> (mg/L)):	0.00
H <sub>2</sub> S in Gas (%):	0.00
H2S in Water (mg/L):	0.50

	Analysis @ Prop	perties in Sample Specifics	
Cations	mg/L	Anions	mg/L
Sodium (Na):	4748.15	Chloride (CI):	6800.00
Potassium (K):		Sulfate (SO <sub>4</sub> ):	30.00
Magnesium (Mg):	16.70	Bicarbonate (HCO <sub>3</sub> ):	1220.00
Calcium (Ca):	60.50	Carbonate (CO <sub>3</sub> ):	0.00
Strontium (Sr):		Acetic Acid (CH3COO)	0.00
Barium (Ba):	33.10	Propionic Acid (C2H5COO)	0.00
Iron (Fe):	1.43	Butanoic Acid (C3H7COO)	0.00
Zinc (Zn):		Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO)	0.00
Lead (Pb):		Fluoride (F):	0.00
Ammonia NH3:		Bromine (Br):	0.00
Manganese (Mn):		Silica (SiO2):	0.00

Notes:

P=5.55mg/l

(PTB = Pounds per Thousand Barrels)

			cium oonate	Bariun	n Sulfate		ron Ilfide		ron oonate		psum 4·2H2O		estite SO4		alite IaCl	100	Zinc ulfide
Temp (°F)	PSI	SI	РТВ	SI	РТВ	SI	PTB	SI	РТВ	SI	PTB	SI	PTB	SI	РТВ	SI	РТВ
70	14	1.26	36.82	1.65	18.18	1.96	0.44	1.42	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	46	1.32	38.17	1.42	17.38	1.75	0.43	1.56	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	78	1.40	40.60	1.25	16.55	1.63	0.43	1.71	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	109	1.49	43.19	1.12	15.78	1.56	0.42	1.86	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	141	1.60	45.64	1.03	15.15	1.54	0.42	2.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	173	1.73	47.78	0.96	14.69	1.56	0.42	2.13	1.03	0.00	0.00	0.00	0.00	0.00	0.00		0.00
223	204	1.86	49.48	0.93	14.40	1.61	0.43	2.25	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	236	2.00	50.71	0.92	14.29	1.68	0.43	2.36	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
274	268	2.15	51.56	0.92	14.32	1.77	0.43	2.46	1.04	0.00	0.00	0.00	0.00	0.00	0.00		0.00
300	300	2.31	52.11	0.94	14.45	1.87	0.44	2.55	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1	Hemil	ovdrate	Anh	/drate	Cal	cium	7	ine.	Less	401.00		Waller of the last	784	NINNESS T		

			hydrate 4~0.5H2 O		ydrate SO4		cium oride		inc oonate		ead Ilfide		/lg cate		Mg icate		Fe icate
Temp (°F)	PSI	SI	PTB	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	РТВ	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	204	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	236	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	268	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate

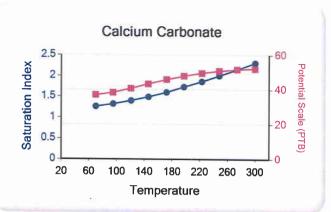
## **TACHMENT**

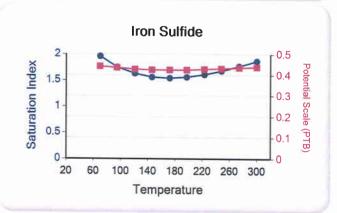
### **Multi-Chem Analytical Laboratory**

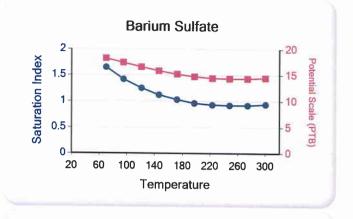
1553 East Highway 40 Vernal, UT 84078

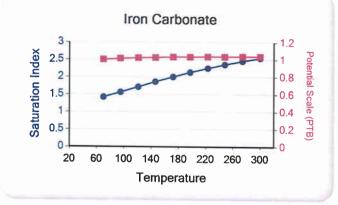


These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate









## ATTACHMENT P

### **Multi-Chem Group, LLC**

Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078



Sample ID: WA-58623

### Water Analysis Report

Production Company: NEWFIELD PRODUCTION (158)

Well Name: Ashley Federal 10-24R-9-15

S S

Sample Point: <b>Treater</b>
Sample Date: 5 /16/2011
Sales Rep: Darren Betts
Lab Tech: John Keel

Sample Specific	<b>5</b>
Test Date:	6/3/2011
Temperature (°F):	70
Sample Pressure (psig):	
Specific Gravity (g/cm³):	1.0080
pH:	8.3
Turbidity (NTU):	
Calculated T.D.S. (mg/L):	13660
Molar Conductivity (µS/cm):	20697
Resitivity (Mohm):	0.4832

Analysis @ Properties in Sample Specifics								
Cations	mg/L	Anions	mg/L					
Calcium (Ca):	4.35	Chloride (CI):	7000.00					
Magnesium (Mg):	1.70	Sulfate (SO 4):	28.00					
Barium (Ba):	6.30	Dissolved CO <sub>2</sub> :	•					
Strontium (Sr):	-	Bicarbonate (HCO 3):	1537.00					
Sodium (Na):	5078.00	Carbonate (CO 3):						
Potassium (K):		H <sub>2</sub> S:	0.50					
Iron (Fe):	4.20	Phosphate (PO <sub>4</sub> ):	•					
Manganese (Mn):	0.10	Silica (SiO <sub>2</sub> ):						
Lithium (Li):	-	Fluoride (F):						
Aluminum (AI):	•	Nitrate (NO 3):						
Ammonia NH <sub>3</sub> :		Lead (Pb):	•					
		Zinc (Zn):						
		Bromine (Br):	•					
		Boron (B):						

			Scal	e in lb/1000bbl								
Test Conditions		Calcium Ca			Gypsum		Calcium Sulfate		Strontium Sulfate		ulfate	Calculated
Temp	Gauge Press.	CaC	0 3	CaSO <sub>4</sub>	2H <sub>2</sub> O	CaS	04	SrSC	4	BaSO <sub>4</sub>		CO <sub>2</sub>
°F	psi	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	Sat Index	Scale	psi
70		0.89	-0.90	0.00	-2626.80	0.00	-3020.90	ā	/-	10.83	9.54	0.32
80	0	1.06	0.48	0.00	-2651.60	0.00	-2977.30	5.1	=	8.60	9.24	0.10
100	0	1.40	2.31	0.00	-2672 00	0.00	-2804.00	-	-	5.80	8.56	0.13
120	0	1.71	3.29	0.00	-2482.60	0.00	-2547.20	-	-	4.16	7.75	0.15
140	0	1.97	3.79	0.00	-2291.10	0.00	-2243.20	-	-	3.03	6.72	0.18
160	0	2.15	3.97	0.00	-2132.20	0.00	-1923.50	-	-	2.24	5.43	0.21
180	0	2.22	3.96	0.00	-2000.20	0.00	-1612.20	-	-	1.67	3.85	0.24
200	0	2.19	3.84	0.00	-1891.00	0.00	-1325.40	-		1.26	1.94	0.25
220	2.51	2.07	3.60	0.00	-1822.20	0.00	-1084.30	-	-	0.94	-0.55	0.26
240	10.3	1.90	3.28	0.00	-1751.10	0.00	-865.87	-	-	0.72	-3.33	0.27
260	20.76	1.70	2.83	0.00	-1694.80	0.00	-682.98	-		0.55	-6.60	0.29
280	34.54	1.49	2.25	0.00	-1651.90	0.00	-532.98		-	0.43	-10.41	0.30
300	52.34	1.29	1.50	0.00	-1621.30	0.00	-411.94	-	-	0.33	-14.85	0.32

Conclusions:

Calcium Carbonate scale is indicated at all temps from 80°F to 300°F

Gypsum Scaling Index is negative from 80°F to 300°F

Calcium Sulfate Scaling Index is negative from 80°F to 300°F

Strontium Sulfate scaling was not evaluated

**Barium Sulfate NO CONCLUSION** 

Notes:

P=1.2

Friday, June 03, 2011 **Multi-Chem Production Chemicals** Ethics Commitment Page 1 of 2 Excellence Innovation

# ATTACHMENT P

## Multi-Chem Group, LLC

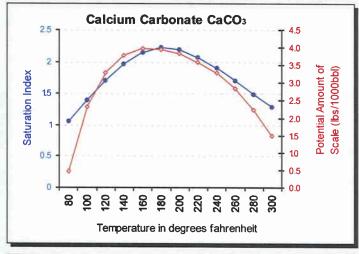
Multi-Chem Analytical Laboratory 1553 East Highway 40 Vernal, UT 84078

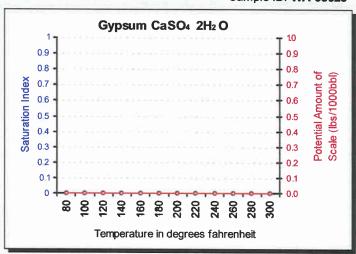


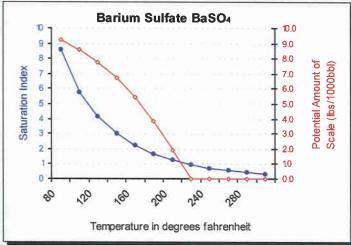
### Scale Prediction Graphs

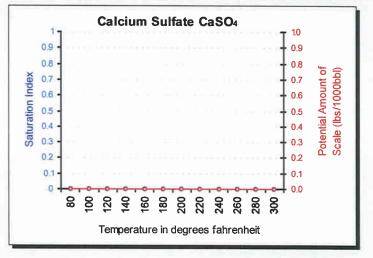
Well Name: Ashley Federal 10-24R-9-15

Sample ID: WA-58623









Excellence

### Attachment "G"

# Ashley Federal #10-24R-9-15 Proposed Maximum Injection Pressure

Frac l	Interval			Calculated Frac	
(fe	eet)	Avg. Depth	ISIP	Gradient	
Top	<b>Bottom</b>	(feet)	(psi)	(psi/ft)	Pmax
4723	4731	4727	2530	0.97	2499
4567	4632	4600	1777	0.82	1747 ◀──
				Minimum	1747

Calculation of Maximum Surface Injection Pressure

Pmax = (Frac Grad -(0.433\*1.015)) x Depth of Top Perf where pressure gradient for the fresh water is .433 psi/ft and specific gravity of the injected water is 1.015.

Frac Gradient = (ISIP +(0.433\*Top Perf.))/Top Perf.

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



1044

### Daily Workover Report

ASHLEY FEDERAL 10-24R (Formerly Castle Peak Unit #1) NW/SE Sec. 24, T9S, R15E Duchesne Co., Utah

Duchesne Co., Utah API # 43-013-15781 Spud Date: 9/8/62 P&A'D: 8/31/71 PTD: 5500' Basin #6

9/24/96 PO: Drill out cmt. (Day 1)

Summary: 9/23/96 - MIRU Basin #6. Spear 7" csg. Work free while washing dirt & debris from behind csg. Cut off 13-3/8" sfc csg. Install csg head. Press test to 400 psi. Pull 7" csg to 100,000#. Land w/13-3/8" csg head. NU tbg head. Press test to 2200 psi. NU BOP. SIFN.

DC: \$14,275 TWC: \$14,275

9/25/96 PO: Drill out cmt. (Day 2)

Summary: 9/24/96 - RU power swivel. PU 6-1/4" bit & 6 3-1/2" collars. Swivel 2 collars dn thru soft cmt, rock & sd. Fell free to 363'. Continue to tally. PU tbg & swivel thru rock, sd & debris to 425'. TIH w/87 jts 2-7/8" 6.5# M-50 tbg to 2884'. Circ well clean w/113 bbls KCI wtr. SIFN.

DC: \$2,735 TWC: \$17,010

9/26/96 PO: Drill cmt. (Day 3)

Summary: 9/25/96 - TP: 0, CP: 0. Press csg to 2500 psi, held. Continue to PU & tally pipe in hole. Tag cmt @ 3708'. RU power swivel. Drl cmt to 4022'. Circ bottoms up. SIFN.

DC: \$2,825 TWC: \$19,835

9/27/96 PO: Drl cmt. (Day 4)

Summary: 9/26/96 - TP: 0, CP: 0. Open well. Break circ. Drl cmt fr/4022' to 4398'. Circ clean.

Pull 40' off btm. SIFN.

DC: \$2,685 TWC: \$22,520

9/28/96 PO: Make scraper run. (Day 5)

Summary: 9/27/96 - TP: 0, CP: 0. Open well. Break circ. Drl cmt fr/4398' to 4920', fell free. Tag plug @ 4957' w/2000 psi. Plug fell free, went 6' further, no plug. TOH w/60 jts 2-7/8" 6.5#

M-50 tbg to 3082'. SIFN. DC: \$4,295 TWC: \$26,815

9/29/96 PO: Bond log. (Day 6)

Summary: 9/28/96 - TP; 0, CP: 0. Finish TOH w/tbg. LD 3-1/2" drill collars. TIH w/bit & scraper to 4983' (no plug). Circ well w/clean KCl wtr. TOH w/160 its 2-7/8" 6.5# M-50 tbg. LD

bit & scraper. SIFN.

DC: \$1,655 TWC: \$28,470

9/30/96 SD for Sunday.

10/1/96 PO: Standby for logs. (Day 7)

Summary: 9/30/96 - TP: 0, CP: 0. Fill csg w/13 bbls KCl wtr. RU Western Atlas. Run CBL/GR

correlation log fr/4952' to sfc. Log indicates excellent bond w/TOC @ +3370'.

DC: \$2,330 TWC: \$30,800



2 of 4

### **Daily Workover Report - Page Two**

ASHLEY FEDERAL 10-24R (Formerly Castle Peak Unit #1) NW/SE Sec. 24, T9S, R15E Duchesne Co., Utah API # 43-013-15781 Spud Date: 9/8/62 P&A'D: 8/31/71 PTD: 5500' Basin #6

10/2/96 SD - pending log evaluation.

#### 10/3/96 PO: Prep to frac. (Day 8)

Summary: 10/2/96 - CP: 0. RU Western Atlas. Set CIBP @ 4940'. TIH w/tbg to 4935'. Press csg to 1000 psi, lost 800 psi in 7 min, held 200 psi for 15 min. RU swb. Swab fluid fr/sfc to 4300'. Rec 170 bbls KCl wtr. TOH w/tbg. **PERF "B" SD @ 4820-31' W/4 JSPF**. TIH w/pkr & 60 jts 2-7/8" 6.5# M-50 tbg. SIFN.

DC: \$6,125 TWC: \$36,925

#### 10/4/96 PO: Frac "B" Sand. (Day 9)

Summary: 10/3/96 - TP: 20, CP: 50. Bleed gas off well. Continue in hole w/pkr to 4895'. Set & press test CIBP to 3000 psi, held. Pmpd 24 bbls KCl wtr to fill tbg. Pmp 40 bbls KCl wtr dn csg to release pkr. Pull & set pkr @ 4769'. Fill csg w/82 bbls KCl wtr, press to 1000 psi, lost 800 psi in 10 min. RU swb. Swb tbg fr/2600' to 4769' in 3 runs, rec 12 BW. SIFN. Est 134 BWTR.

DC: \$1,305 TWC: \$38,230

#### 10/5/96 PO: Perforate "C" Sand. (Day 10)

Summary: 10/4/96 - TP: 50. Bleed gas off tbg. Made 1 run, rec 25' of oil from pkr @ 4769'. RU Halliburton & frac "B" sd w/34,000# of 20/40 sd in 210 bbls Boragel @ 18 bpm. Well screened out w/6# on formation. Est 26,800# in formation & 7200# left in tbg. Flowed well back until died. Rec 50 BTF. Release pkr. Circ tbg clean. TOH w/tbg. LD pkr. TIH w/7" BV plug & 152 jts 2-7/8" 6.5# M-50 tbg. Set plug @ 4762'. Swab well fr/sfc to 3700'. Rec 146 BTF. SIFN. Est 148 BWTR.

DC: \$17,460 TWC: \$55,690

### 10/6/96 PO: Frac "C" Sand. (Day 11)

Summary: 10/5/96 - TP: 0, CP: 0. Swb fluid fr/3700' to 4200'. Rec 20 BTF. TOH w/tbg. RU Western Atlas & PERF "C" SD @ 4723-31' W/4 JSPF. TIH w/7" pkr & 151 jts 2-7/8" 6.5# M-50 tbg. Tag sd @ 4732' Fill hole w/160 BW, circ sd to 4760'. Set pkr @ 4750'. Press test plug to 3000 psi, tested good. Release pkr. Pull to 4665'. Install 10' N-80 frac jt. Set pkr @ 4675'. Swb fluid fr/sfc to pkr. Rec 27 BTF. SIFN. Est 261 BWTR.

DC: \$2,870 TWC: \$58,560

#### 10/7/96 SD for Sunday

#### 10/8/96 PO: Perforate "D" Sand. (Day 12)

Summary: 10/7/96 - TP: 100, CP: 0. Bleed gas off tbg. RU swb. IFL @ 3800', made 2 runs, rec 5 BTF (est 4 BO, 1 BW), FFL @ 4700'. RU Halliburton & frac "C" sd. Screened out on 5# sd w/10,600# of 20/40 sd in formation. Used 164 bbls of Boragel. Break dn @ 3322 psi. Treated @ ave rate of 18 bpm w/ave press of 5150 psi. ISIP: 2530 psi, 5 min: 1919 psi. Flowback on 12/64" ck for 1 hr & died. Rec 36 BTF. SIFN. Est 388 BWTR.

DC: \$13,140 TWC: \$71,700



### Daily Workover Report - Page Three

## ATTACHMENT G-1

ASHLEY FEDERAL 10-24R (Formerly Castle Peak Unit #1) NW/SE Sec. 24, T9S, R15E Duchesne Co., Utah API # 43-013-15781

Spud Date: 9/8/62 P&A'D: 8/31/71 PTD: 5500' Basin #6 3044

10/9/96 PO: Perforate "D" Sand. (Day 13)

Summary: 10/8/96 - TP: 0, CP: 0. Circ well clean. TIH to 4690' (no sd). TOH LD pkr. TIH w/BV plug. Set plug @ 4680'. LD 1 jt tbg. RU swb. IFL @ sfc, rec 157 BTF, FFL @ 4000'. TOH w/RH. SIFN. Est 231 BWTR.

DC: \$2,440 TWC: \$74,140

10/10/96 PO: Frac "D" Sand. (Day 14)

Summary: 10/9/96 - TP: 0, CP: 0. RU Western Atlas & **PERF "D" SD @ 4567-72', 4576-89', 4614-16', 4620-32' W/4 JSPF**. TIH w/pkr. Set pkr @ 4670'. Press test plug to 3000 psi. PU hole. Reset pkr @ 4542' w/20,000# compression. RU swb. IFL @ 3000', made 2 runs, rec 9 BTF, FFL @ 4542'. Fill csg w/90 bbls KCl wtr. SIFN. Est 312 BWTR.

DC: \$4,355 TWC: \$78,495

10/11/96 PO: Pull RBP's. (Day 15)

Summary: 10/10/96 - TP: 50, CP: 0. Bleed press off tbg. RU swb. Made 2 runs, rec 2 BTF, FFL @ 4100'. RU Halliburton & frac "D" sd w/77,700# of 20/40 sd in 402 bbls of Boragel. Break dn @ 3010 psi. Treated @ ave rate of 19.4 bpm w/ave press of 5100 psi. ISIP: 1777 psi, 5 min: 1729 psi. Flowback on 12/64" ck for 10 min & died. Rec 8 BTF. SIFN. Est 706 BWTR.

DC: \$19,525 TWC: \$98,020

10/12/96 PO: Swab well. (Day 16)

Summary: 10/11/96 - TP: 0, CP: 0. Open bypass on pkr. Circ 60 bbls KCl wtr dn csg, up tbg. Release pkr. TOH w/tbg & pkr. TIH w/RH. Tag sd @ 4595'. Clean out to RBP @ 4680'. Release plug @ 4680'. TOH LD RBP. TIH w/new RH. Tag sd @ 4731'. Clean out sand to RBP @ 4762'. Release plug. TOH LD RBP. (Lost 45 BW during circ.) TIH w/NC to 3003'. SIFN. Est 751 BWTR.

DC: \$1,710 TWC: \$99,730

10/13/96 PO: Swabbing. (Day 17)

Summary: 10/12/96 - TP: 0, CP: 0. TIH w/tbg. Tag sd @ 4862'. Clean out sd to CIBP @ 4940'. Circ hole clean. LD 1 jt tbg. EOT @ 4930'. RU swb. IFL @ sfc, made 23 runs, rec 262 BTF (est 1 BO), FFL @ 4900'. FOC @ 2% w/tr of sd. SIFN. Est 490 BWTR.

DC: \$1,715 TWC: \$101,445

10/14/96 SD for Sunday.

10/15/96 PO: Run rods, place on production. (Day 18)

Summary: 10/14/96 - TP: 50, CP: 150. RU swb. IFL @ 2000', made 6 runs, rec 78 BTF (est 4 BO, 74 BW), FFL @ 2600'. FOC 5%. TIH w/1 jt tbg. Tag PBTD (no sd fill). TOH. TIH w/prod tbg as follows: NC, 3 jts tbg, SN, 8 jts tbg, TA & 146 jts 2-7/8" 6.5# LS tbg. EOT @ 4877', SN @ 4782', TA @ 4531'. ND BOP. Set TA w/10,000# tension. NU wellhead. RU swb. IFL @ 2000', made 14 runs, rec 115 BTF w/20% oil cut (est 23 BO, 92 BW), FFL @ 3700' (no sd). SIFN. Est 324 BWTR.

DC: \$4,745 TWC: \$106,190



ASHLEY FEDERAL 10-24R (Formerly Castle Peak Unit #1) NW/SE Sec. 24, T9S, R15E Duchesne Co., Utah API # 43-013-15781 Spud Date: 9/8/62 P&A'D: 8/31/71 PTD: 5500' Basin #6 ATTACHMENT G-1

10/16/96 PO: Well on production. (Day 19)

Summary: 10/15/96 - TP: 50, CP: 150. Bleed gas off tbg & csg. RU f/rods. Flush tbg w/40 bbls of clean KCl wtr. PU 2-1/2 x 1-1/2 x 12 x 15 RHAC rod pmp. Test w/diesel. TIH w/rods as follows: 1-1/2" pmp, 8-1" scrapered rods, 84-34" plain rods, 99-34" scrapered rods, 2-4', 2-6' x 34" pony rods & 1-1-1/2" x 22' polished rod. Seat pmp. Fill tbg w/20 bbls of KCl wtr. Stroke pmp up to 1000 psi. Held w/good pmp action. Hang horsehead. **PLACE WELL ON PRODUCTION @ 4:00 PM, 10/15/96 W/74" SL @ 6 SPM**. Est 384 BWTR.

DC: \$120,205 TWC: \$226,395

### ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1.		Set CIBP @ 4517'
2.	Plug #1	Set 100' plug on top of CIBP using 12 sx Class "G" cement
3.		Perforate 4 JSPF @ 2900'
4.	Plug #2	160' plug covering Trona/Mohagany Bench Formation using 30 sx Class "G" Cement pumped under CICR and out perforations. Follow using 13 sx Class "G" cement pumped on top of CICR
5.		Perforate 4 JSPF @ 1560'
6.	Plug #3	120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
7		Perforate 4 JSPF @ 260'
8.	Plug #4	Circulate 76 sx Class "G" cement down 5 ½" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

Initial Production: 44 BOPD,

33 MCFPD, 5 BWPD

# Ashley Federal #10-24R Formerly Castle Peak Unit #1

Proposed P & A

# Recompletion Date: 9/24/96 GL: 6259.7' KB: 6268' Put on Production: 10/15/96

#### SURFACE CASING

CSG SIZE: 13-3/8"
GRADE: ?
WEIGHT:48#
LENGTH: ? jts.
DEPTH LANDED: 210'
HOLE SIZE:17-1/4"
CEMENT DATA: 300 sx

#### PRODUCTION CASING

CSG SIZE: 7°
GRADE:J-55
WEIGHT: 23#
LENGTH: ?
DEPTH LANDED: 5020°
HOLE SIZE: ?
CEMENT DATA: 500 sx cement with 1% flac added
CEMENT TOP AT: 3525° per CBL

Wellbore Diagram Circulate 76 sx Class G Cement down 5 -1/2" casing and up the 5-1/2" x 8-5/8" annulus Casing Shoe @ 210' Perforate 4 JSPF @ 260' 7 sx Class G Cement plug on top of CICR Uinta/Green River CICR @ 1500° 25 sx Class G Cement plug below CICR 120' Plug w/0' excess (1440'-1560') Perforate 4 JSPF @ 1560' 13 sx Class G Cement plug on top of CICR Trona/Mahogany Bench CICR @ 2820' 160' Plug w/0' excess 30 sx Class G Cement plug below CICR (2740'-2900') Perforate 4 JSPF @ 2900' TOC @ 3525' 100' (12 sx) Class G Cement plug on top of CIBP CIBP @ 4517 4567' - 4572' 4576' - 4589' 4614' - 4616' 4620' - 4632' 4723'- 4731' 4820'- 4831' CIBP @ 4940' - SHOE @ 5020' 6-1/4" Hole

TD @ 8816'



Ashley Federal #10-24R 1840 FSL 2000 FEL NWSE Section 24-T9S-R15E Duchesne Co, Utah API #43-013-15781; Lease #U-02458

	UNITED STATES DEPARTMENT OF THE INTERIOR				FORM APPROVED OMB No. 1004-0137 Expires: July 31,2010				
BUREAU OF LAND MANAGEMENT					5. Lease Serial No.				
SUNDRY		USA UTU-02458							
Do not use t abandoned w	Ì	6. If Indian, Allottee or Tribe Name.							
		_							
SUBMIT IN	TRIPLICATE - Other I	nstructions o	n page 2	1	7. If Unit or CA/Agreement, Name and/or				
1. Type of Well					GMBU				
Oil Well Gas Well	}								
2. Name of Operator		8. Well Name and No. ASHLEY FED 10-24R							
NEWFIELD PRODUCTION CO	DMPANY			9. API Well No.					
3a. Address Route 3 Box 3630	3b. Phone (include are code)			4301315781					
Myton, UT 84052 4. Location of Well (Footage)	Sec., T., R., M., or Survey Descrip	435.646.3721			10. Field and Pool, or Exploratory Area				
1684 FSL 1945 FEL	sec., 1., 10., 101., or survey bescrip	nionj				GREATER MB UNIT  1. County or Parish, State			
NWSE Section 24 T9S R15E			in county of runsing state						
DUCHESNE, UT									
12. CHECK APPROPRIATE BOX(ES) TO INIDICATE NATURE OF NOTICE, OR OTHER DATA									
TYPE OF SUBMISSION TYPE OF ACTION									
<u> </u>	☐ Acidize	☐ Deepen	Production	roduction (Start/Resume)					
Notice of Intent	Alter Casing	Fracture T	reat	Reclamatio	`	Well Integrity			
Subsequent Report	Casing Repair	New Cons	truction	Recomplete		Other			
Final Abandonment	Change Plans	Plug & At	andon	Temporaril	y Abandon				
Final Abandonment	Convert to Injector	Plug Back		Water Disp	osal				
Final Abandonment Notices shall be inspection.)  Newfield Production prop	peration results in a multiple completion of filed only after all requirements, includes to convert the above	uding reclamation, l	nave been complete	ed, and the opera	ator has determined	that the site is ready for final			
I hereby certify that the foregoing is true and correct (Printed/ Typed)			Title						
	Reg	Regulatory Technician							
Signature	Date 04/0	04/02/2012							
( ) THIS SPACE FOR FEDERAL OR STATE OFFICE USE									
		· · · · · · · · · · · · · · · · · · ·							
Approved by Conditions of approval, if any, are attach	vorront	Title		Date	e				
certify that the applicant holds legal or ed which would entitle the applicant to cond	ect lease	Office							
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction									

(Instructions on page 2)

### BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

## THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001  $17^{th}$  Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

### **Greater Monument Butte Unit:**

- Ashley Federal 12-23-9-15 well located in NW/4 SW/4, Section 23, Township 9 South, Range 15 East API 43-013-32830
- Ashley Federal 10-24R-9-15 well located in NW/4 SE/4, Section 24, Township 9 South, Range 15 East API 43-013-15781
- Ashley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Township 9 South, Range 15 East API 43-013-32821
- Ashley Federal 16-24-9-15 well located in SE/4 SE/4, Section 24, Township 9 South, Range 15 East API 43-013-32944
- Ashley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Township 9 South, Range 15 East API 43-013-32884
- Ashley Federal 4-26-9-15 well located in NW/4 NW/4, Section 26, Township 9 South, Range 15 East API 43-013-32900
- Monument Federal 33-6-9-16Y well located in NW/4 SE/4, Section 6, Township 9 South, Range 16 East API 43-013-31589
- Federal 11-13-9-16 well located in NE/4 SW/4, Section 13, Township 9 South, Range 16 East API 43-013-32652
- Federal 15-19-9-16 well located in SW/4 SE/4, Section 19, Township 9 South, Range 16 East API 43-013-33162
- Federal 13-22-9-16 well located in SW/4 SW/4, Section 22, Township 9 South, Range 16 East API 43-013-33148
- Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East API 43-013-33085
- Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East API 43-013-33340
- Federal 3-27-9-16 well located in NE/4 NW/4, Section 27, Township 9 South, Range 16 East API 43-013-33352

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 10th day of April, 2012.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Brad Hill

**Permitting Manager** 

### **Newfield Production Company**

ASHLEY FEDERAL 12-23-9-15, ASHLEY FEDERAL 10-24R-9-15, ASHLEY FEDERAL 14-24-9-15, ASHLEY FEDERAL 16-24-9-15, ASHLEY FEDERAL 4-25-9-15, ASHLEY FEDERAL 4-26-9-15, MONUMENT FEDERAL 33-6-9-16Y, FEDERAL 11-13-9-16, FEDERAL 15-19-9-16, FEDERAL 13-22-9-16, FEDERAL 17-24-9-16, FEDERAL 11-24-9-16, FEDERAL 3-27-9-16

#### Cause No. UIC-390

Publication Notices were sent to the following:

Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066 via e-mail legals@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

Vernal Office Bureau of Land Management 170 South 500 East Vernal, UT 84078 Duchesne County Planning P O Box 317 Duchesne, UT 84021-0317

Bruce Suchomel US EPA Region 8 MS 8P-W-GW 1595 Wynkoop Street Denver, CO 80202-1129

Newfield Production Company Rt 3 Box 3630 Myton, UT 84052

Jran Sweet

From:

"Fultz, Mark" <naclegal@mediaoneutah.com> <jsweet@utah.gov>

To:

4/11/2012 10:09 AM

Date: Subject:

Legal Notice

Attachments: OrderConf.pdf

AD# 783810 Run Trib/DNews - 4/14 Cost \$293.96 Thank you Mark







### Order Confirmation for Ad #0000783810-01

Client

DIV OF OIL-GAS & MINING

Payor Customer

DIV OF OIL-GAS & MINING

**Client Phone** 

801-538-5340

**Payor Phone** 

801-538-5340

Account#

Payor Account

Address

1594 W NORTH TEMP #1210,P.O. BOX 145801 Payor Address

SALT LAKE CITY, UT 84114 USA

1594 W NORTH TEMP #1210,P.O. BOX SALT LAKE CITY, UT 84114

Fax

801-359-3940

Ordered By

Acct. Exec

**EMail** 

earlenerussell@utah.gov

Jean

mfultz

**Total Amount** 

\$293.96

**Payment Amt** 

\$0.00

**Tear Sheets** 

**Affidavits** 

\$293.96

**Proofs** O

**Amount Due Payment Method** 

PO Number

UIC-390

**Confirmation Notes:** 

Text:

Jean

Ad Type

Ad Size

Color

Legal Liner

2.0 X 86 Li

<NONE>

**Product** 

Salt Lake Tribune::

**Placement** 

Legal Liner Notice - 0998

Scheduled Date(s):

04/14/2012

**Product** 

**Placement** 

Deseret News::

Legal Liner Notice - 0998

04/14/2012

Scheduled Date(s):

sltrib.com::

Product

**Placement** 

Legal Liner Notice - 0998

Scheduled Date(s):

04/14/2012

**Product** 

**Placement** 

utahlegals.com::

utahlegals.com

Scheduled Date(s):

04/14/2012

Position

Public Meeting/Hear-ing Notices

Public Meeting/Hear-ing Notices

**Position** 

Public Meeting/Hear-ing Notices

**Position** 

utahlegals.com

**Ad Content Proof Actual Size** 

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH NOTICE OF AGENCY ACTION CAUSE NO. UIC-390

STATE OF UTAH

NOTICE OF AGBNCY ACTION
CAUSE NO, UIC-390

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 23, 24, 25, AND 26, TOWN-SHIP 9 SOUTH, RANCE 15 EAST, AND SECTIONS 6, 13, 19, 20, 24, AND 27 TOWN-SHIP 9 SOUTH, RANCE 16 EAST, UICH-ESINE COUNTY, UTAY, AS CLASS II NUECTION WELLS.
THE STATE OF UTAH TO ALL PRESONS INTERESTED IN THE ABOVE ENTITLED MATTER.
NOTICE IS HERRORY OF THE ADMINISTRATIVE OF UTAH TO ALL PRESONS INTERESTED IN THE ABOVE ENTITLED MATTER.
NOTICE IS HERRORY OF UTAH TO ALL PRESONS INTERESTED IN THE ABOVE ENTITLED MATTER.
NOTICE IS HERRORY OF THE ABOVE COUNTY, UTAH, SECTION OF THE ABOVE COUNTY, UTAH, SECTION OF THE ABOVE COUNTY, UTAH, SECTION 25, TOWN-SHIP 9 SOUTH, Range 15 EAST API 43-013-32823
Astiley Federal 12-25-9-15 well located in NW/4 SW/4, Section 23, Town-ship 9 South, Range 15 East API 43-013-32823
Astiley Federal 14-24-9-15 well located in NW/4 SE/4, Section 24, Town-ship 9 South, Range 15 East API 43-013-32821
Astiley Federal 14-24-9-15 well located in SE/4 SW/4, Section 24, Town-ship 9 South, Range 15 East API 43-013-32824
Astiley Federal 14-24-9-15 well located in NW/4 NW/4, Section 24, Town-ship 9 South, Range 15 East API 43-013-32824
Astiley Federal 4-25-9-15 well located in NW/4 NW/4, Section 24, Town-ship 9 South, Range 15 East API 43-013-32844
Astiley Federal 4-25-9-15 well located in NW/4 NW/4, Section 25, Town-ship 9 South, Range 15 East API 43-013-32844
Astiley Federal 4-25-9-15 well located in NW/4 NW/4, Section 26, Town-ship 9 South, Range 15 East API 43-013-32884
Astiley Federal 4-25-9-15 well located in NW/4 NW/4, Section 26, Town-ship 9 South, Range 15 East API 43-013-33162

Federal 13-22-9-16 well located in NW/4 SW/4, Section 19, Town-ship 9 South, Range 16 East API 43-013-33162

Federal 13-33-36-9-16 Well located in NW/4 SE/4, Section 19, Town-ship 9 South, Range 16 East API 43-013-33162

Federal 13-33-36-9-16 well located in NW/4 SE/4, Section 19, Town-ship 9 South, Range 16 East AP

Township 9 South, Range 16 East
API 43-013-33352
The praceeding will be conducted in accordance with Utah
Admir. R649-10, Admiristrative Procedures.
Selected zones in the Green River Formarian will be used for
water injection. The maximum requested injection pressures
and rares will be determined based on fractive gradient informarian submitted by Newhield Production Company.
Any person destring to object to the application or otherwise
intervere in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days foltowing publication of this protice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Amonger, at
P.O. Box 145801, Soft Lake City, UT 84114-5801, phone
rember (801) 538-5346. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the differentioned administrative procedural
rules. Protestants and/or interveners should be prepared to
demonstrate or the hearing how this matter affects their interests.

terests.
Dated this 10th day of April, 2012.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/ Brod Hill Permitting Manager 783810

UPAXLP



## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

April 10, 2012

VIA E-MAIL <u>naclegal@mediaoneutah.com</u>

Salt Lake Tribune P. O. Box 45838 Salt Lake City, UT 84145

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>isweet@utah.gov</u>.

Please send proof of publication and billing for account #9001402352 to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

**Executive Secretary** 

Enclosure



# Jean Sweet - Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-390

From: Cindy Kleinfelter <classifieds@ubstandard.com>

To: Jean Sweet <jsweet@utah.gov>

**Date:** 4/12/2012 12:15 PM

Subject: Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-390

## On 4/10/2012 1:40 PM, Jean Sweet wrote:

### To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>jsweet@utah.gov</u>.

Please send proof of publication and billing to: Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary Utah Div. of Oil, Gas & Mining 1594 West Temple, Suite 1210 Salt Lake City, UT 801-538-5329 jsweet@utah.gov

Hello. It will be in the April 17th edition. Thank you, Cindy



Lieutenant Governor

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER

Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

April 10, 2012

Via e-mail: <u>legals@ubstandard.com</u>

Uintah Basin Standard 268 South 200 East Roosevelt, UT 84066

Subject: Notice of Agency Action - Newfield Production Company Cause No. UIC-390

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please <u>notify me via e-mail of the date it will be published</u>. My e-mail address is: <u>isweet@utah.gov</u>.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining PO Box 145801 Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet

**Executive Secretary** 

Enclosure





GARY R. HERRERT Governor

**GREGORY S. BELL** Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL D STVLED Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

October 1, 2012

**Newfield Production Company** 1001 Seventeenth Street, Suite 2000 Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 10-24R, Section 24, Township 9 South, Range 15

East, SLBM, Duchesne County, Utah, API Well # 43-013-15781

#### Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
- 3. A casing\tubing pressure test shall be conducted prior to commencing injection.
- 4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
- 5. The top of the injection interval shall be limited to a depth no higher than 3,877 feet in the Ashley Federal 10-24R well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely.

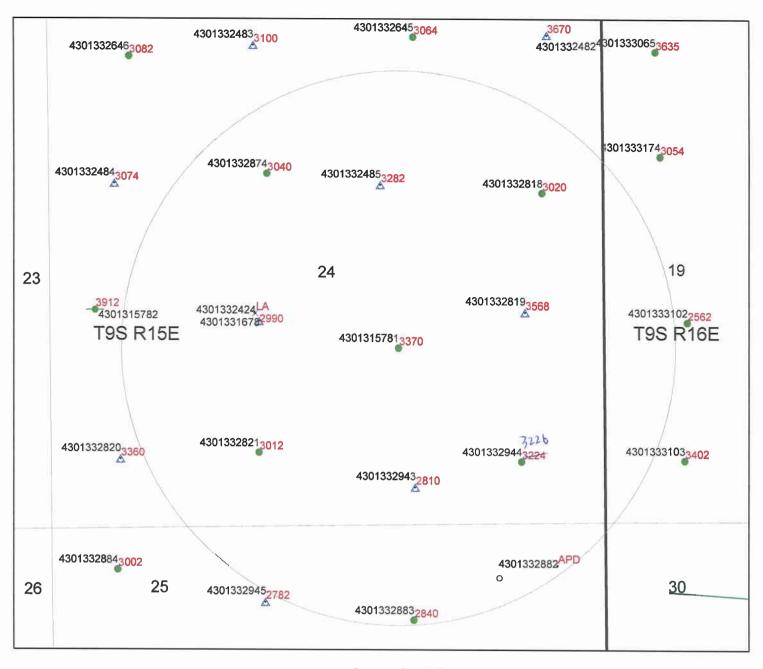
Associate Director

JR/MLR/js

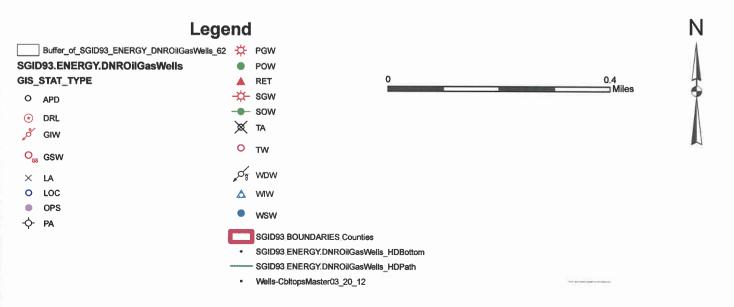
cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal **Duchesne County** Newfield Production Company, Myton Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops
ASHLEY FEDERAL 10-24R-9-15
API #43-013-15781
UIC 390.10



# DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM PERMIT STATEMENT OF BASIS

Applicant: <u>Ne</u>	wheld Production Company	Well:	Ashley Federal 10-24R-9-15	
Location:	24/9S/15E	API:	43-013-15781	

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 210 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,020 feet. A cement bond log demonstrates adequate bond in this well up to about 3,370 feet. A 2 7/8 inch tubing with a packer will be set at 4,763 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 6 producing wells 4 injection wells in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from Technical Publication No. 92, the base of moderately saline water is at a depth of approximately 2400 feet. Injection shall be limited to the interval between 3,877 feet and 4,940 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 10-24R-9-15 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,747 psig. The requested maximum pressure is 1,747 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

# Ashley Federal 10-24R-9-15 page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold	Date: <u>4/6/2012</u>
----------------------------	-----------------------

	STATE OF UTAL		FORM 9					
	STATE OF UTAH  DEPARTMENT OF NATURAL RESOUR							
	DIVISION OF OIL, GAS, AND MI	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458						
	RY NOTICES AND REPORTS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:					
Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL forr	oposals to drill new wells, significantly reenter plugged wells, or to drill horize n for such proposals.	deepen existing wells below ontal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)					
1. TYPE OF WELL Oil Well	Oil Well							
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013157810000							
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE							
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FSL 1945 FEL QTR/QTR, SECTION, TOWNSI	HIP, RANGE, MERIDIAN:		COUNTY: DUCHESNE					
Qtr/Qtr: NWSE Section: 2	24 Township: 09.0S Range: 15.0E Meri	dian: S	STATE: UTAH					
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	T, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
	☐ ACIDIZE	ALTER CASING	CASING REPAIR					
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME					
and the state was a state.	✓ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	New construction					
12/20/2012	OPERATOR CHANGE	PLUG AND ABANDON						
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	LI PLUG BACK					
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	RECOMPLETE DIFFERENT FORMATION					
	☐ TUBING REPAIR	VENT OR FLARE	LI TEMPORARY ABANDON					
DRILLING REPORT Report Date:	☐ WATER SHUTOFF		WATER DISPOSAL					
Nopoli bale.		O INSTATOS EXTENSION	APD EXTENSION					
	WILDCAT WELL DETERMINATION	OTHER	OTHER:					
The subject well has been converted from a producing oil well to an injection well on 12/19/2012. On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.  Accepted by the Utah Division of Oil, Gas and Mining  Oil, Gas and Mining  Date: February 12, 2013  By:  By:								
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMB							
SIGNATURE	435 646-4874	Water Services Technician						
N/A		<b>DATE</b> 1/7/2013						

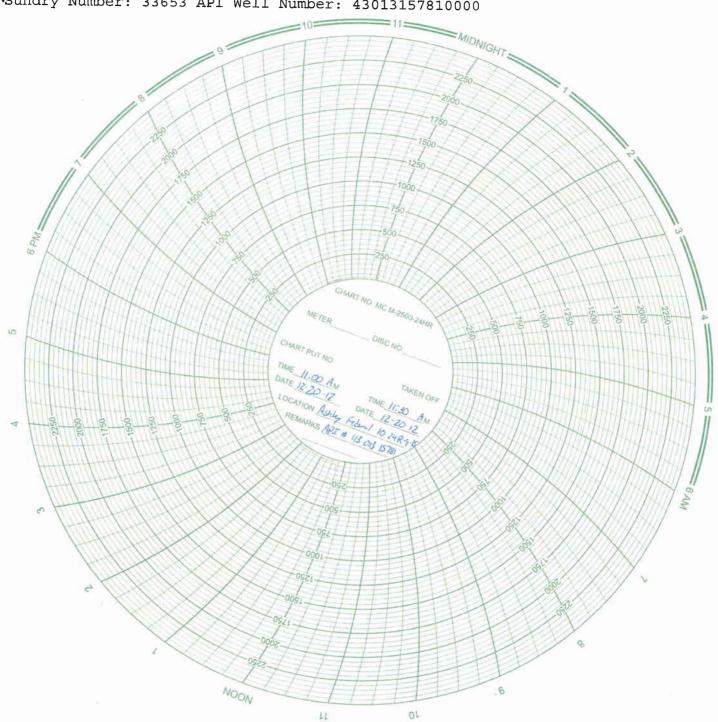
# Mechanical Integrity Test Casing or Annulus Pressure Test

# Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:	Date /2 / 20 / 12 Time // 100 (am)pn
Test Conducted by: Michael Jen. Others Present:	
Well: Ashly Federal 10-24R-9-15	Field: Grak Monument Butte
Well Location: Ashley 10-248-9-15	API No: 43-013-15781

<u>Time</u>	<b>Casing Pressure</b>	
0 min	1390	_ psig
5	1390	psig
10	1390	_ psig
15	1390	psig
20	1390	psig
25	1390	psig
30 min	1390	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		_ psig
Tubing pressure:	0	_ psig
Result:	Pass	Fail

Signature of Witness:			
Signature of Person Conducting Test:	Muleul	Man	
	1	//	



Sundry Number: 33653 API Well Number: 43013157810000 Summary Rig Activity

Page 1 of 2

# **Daily Activity Report**

Format For Sundry
ASHLEY 10-24R-9-15
10/1/2012 To 2/28/2013

12/12/2012 Day: 1

Conversion

WWS#9 on 12/12/2012 - MIRU, pump 60 BW down CSG, unseat pump - Crew Travel & safety meeting, RDMO 16-23-8-17, road over to the 10-24R-9-15 rig up pump 60 bbls down CSG @250\*f PU on rod unset pump flush TBG W/ 35 BBLS reset pump fill TBG W/8 BBLs test to 3000psi good, wait for rod trailer from 12;00 -1:50, start saying down rods 110 3/4 4 per flush W/30 BBls cant LD rods 5-3/4 4pers 50-3/4 slick, 20-3/4 4 pers. - Crew Travel & safety meeting, RDMO 16-23-8-17, road over to the 10-24R-9-15 rig up pump 60 bbls down CSG @250\*f PU on rod unset pump flush TBG W/ 35 BBLS reset pump fill TBG W/8 BBLs test to 3000psi good, wait for rod trailer from 12;00 -1:50, start saying down rods 110 3/4 4 per flush W/30 BBls cant LD rods 5-3/4 4pers 50-3/4 slick, 20-3/4 4 pers. **Finalized** 

Daily Cost: \$0

**Cumulative Cost: \$16,995** 

12/13/2012 Day: 2

Conversion

WWS#9 on 12/13/2012 - TOH breaking and doping collars, psi tes - ND WH, pu on tbg, release TAC, NU bops, rd foor, flush tbg w/40bbls. TOOH breaking and doping every pin. Trickled 20bbls down while pulling pipe. 120 jts out flush tbg w/40bbls. TOOH 26jts LD 10 extra jts onto trailer. RIH w/ 2-3/8 XN nipple, 1-4'x 2-3/8 tbg sub, crossover, 1-7' packer, onoff tool, psn, 146 jts 2-7/8 j-55 tbg. Pump 10bbls drop SV. Fill w/ 12bbls pressure up to 3000psi. - ND WH, pu on tbg, release TAC, NU bops, rd foor, flush tbg w/40bbls. TOOH breaking and doping every pin. Trickled 20bbls down while pulling pipe. 120 jts out flush tbg w/40bbls. TOOH 26jts LD 10 extra jts onto trailer. RIH w/ 2-3/8 XN nipple, 1-4'x 2-3/8 tbg sub, crossover, 1-7' packer, on-off tool, psn, 146 jts 2-7/8 j-55 tbg. Pump 10bbls drop SV. Fill w/ 12bbls pressure up to 3000psi. **Finalized** 

Daily Cost: \$0

Cumulative Cost: \$24,050

12/14/2012 Day: 3

Conversion

WWS#9 on 12/14/2012 - CHK TBG PRESS good test ND BOPS PUMP PKR fluid set PKR no test TOOH w/ 50 JTS good test hole between 3964 & 4000 - CK TBG psi 2900 lost 100 psi over night bump back up to 3000psi watch for 30 minutes good, RIH W/sand line retreave SV POOH, RO floor ND INJ pump 60 BBLS PKR fluid PU set PKR @ 4519 to CE W 15000 tension NU INJ tree Fill CGS W/ 5BBLS pressure up to 1500psi lost 800 in 5 minutespressure back up couple more times no change ND W/ 60 1 jt set packer @4488' pressure up to 1500 lost 800psi in 5 minutes NU BOP RD floor TOOH w/ TBG & PKR 50 JTS set PKr test CSG PKR 2988, 1500psi good RIH W/ 24 JTS Set a 3819 test CSG good TIH set PKR 2 4100' test pull up to 3943' good RIH set PKR @4006 no good SWI - CK TBG psi 2900 lost 100 psi over night bump back up to 3000psi watch for 30 minutes good, RIH W/sand line retreave SV POOH, RO floor ND INJ pump 60 BBLS PKR fluid PU set PKR @ 4519 to CE W 15000 tension NU INJ tree Fill CGS W/ 5BBLS pressure up to 1500psi lost 800 in 5 minutespressure back up couple more times no change ND W/ 60 1 jt set packer @4488' pressure up to 1500 lost 800psi in 5 minutes NU BOP RD floor TOOH w/ TBG & PKR 50 JTS set PKr test CSG PKR 2988, 1500psi good RIH W/ 24 JTS Set a 3819 test CSG good TIH set PKR 2 4100' test pull up to 3943' good RIH set PKR @4006 no good SWI Finalized

Daily Cost: \$0

Summary Rig Activity

Page 2 of 2

**Cumulative Cost:** \$30,525

#### 12/17/2012 Day: 4

**Conversion** 

WWS#9 on 12/17/2012 - set pkr, found leak wait for weatherford - Flush tbg w 35bbls @250 degrees. Set pkr @3964 no test. Move up to 3943 test good, csg leak in between 3943' - 3964 pkr wont set. TOOH ld PKR assembly SWIFN. Waiting on weatherford straddle assembly. - Flush tbg w 35bbls @250 degrees. Set pkr @3964 no test. Move up to 3943 test good, csg leak in between 3943' - 3964 pkr wont set. TOOH ld PKR assembly SWIFN. Waiting on weatherford straddle assembly. **Finalized** 

Daily Cost: \$0

Cumulative Cost: \$34,760

#### 12/19/2012 Day: 5

Conversion

WWS#9 on 12/19/2012 - psi test tubing, nd bops - Check pressure, lost pressure, back up to 3000psi. Watch for 30 minutes, still losing pressure.Bleed off and retorque subs, pressure up still losing psi. RIH retireve SV pooh pump 10bbls drop new SV fill up, psi watch for 30 min, good test. Retrieve sv pooh, pump 100bbls pkr fluid. Nipple down bops pkr set @3922. NU inj tree, psi test to 1500. - Check pressure, lost pressure, back up to 3000psi. Watch for 30 minutes, still losing pressure.Bleed off and retorque subs, pressure up still losing psi. RIH retireve SV pooh pump 10bbls drop new SV fill up, psi watch for 30 min, good test. Retrieve sv pooh, pump 100bbls pkr fluid. Nipple down bops pkr set @3922. NU inj tree, psi test to 1500. **Finalized** 

Daily Cost: \$0

**Cumulative Cost:** \$41,595

#### 12/28/2012 Day: 6

Conversion

Rigless on 12/28/2012 - Conduct initial MIT - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 12/19/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 12/20/2012 the casing was pressured up to 1390 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. Finalized

Daily Cost: \$0

Cumulative Cost: \$130,429

Pertinent Files: Go to File List

	STATE OF UTAH			FORM 9				
I	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		<b>i</b>	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458				
	SUNDRY NOTICES AND REPORTS ON WELLS o not use this form for proposals to drill new wells, significantly deepen existing wells below							
Do not use this form for pro- current bottom-hole depth, FOR PERMIT TO DRILL form	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)							
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: ASHLEY FED 10-24R							
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013157810000							
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT	, 84052 435 646-482		NE NUMBER: t	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FSL 1945 FEL	COUNTY: DUCHESNE							
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: NWSE Section: 2	HIP, RANGE, MERIDIAN: 24 Township: 09.0S Range: 15.0E Merio	dian: \$	S	STATE: UTAH				
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NA	ATURE OF NOTICE, REPOR	RT, OR OTHER DATA				
TYPE OF SUBMISSION		************	TYPE OF ACTION					
	ACIDIZE		ALTER CASING	CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	□ c	CHANGE TUBING	CHANGE WELL NAME				
SUBSEQUENT REPORT Date of Work Completion: 2/1/2013	✓ CHANGE WELL STATUS	□ c	COMMINGLE PRODUCING FORMATIONS	✓ CONVERT WELL TYPE				
	DEEPEN	Г	RACTURE TREAT	NEW CONSTRUCTION				
	OPERATOR CHANGE	□ Р	LUG AND ABANDON	PLUG BACK				
SPUD REPORT	PRODUCTION START OR RESUME	□ R	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION				
Date of Spud:	REPERFORATE CURRENT FORMATION	□ s	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON				
	TUBING REPAIR	□ v	ENT OR FLARE	WATER DISPOSAL				
DRILLING REPORT Report Date:	WATER SHUTOFF	□ s	N TA STATUS EXTENSION	APD EXTENSION				
	WILDCAT WELL DETERMINATION		OTHER	OTHER:				
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show			1				
	erence well was put on inject			Accepted by the				
	02/01/2013.			Utah Division of Oil, Gas and Mining				
			*	Date: February 25, 2013				
	,			By: Bacylle				
·								
			·					
	•		•					
NAME (DI EACE DOINT)	DIOME NUMBER		7					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUME</b> 435 646-4874	ÞEK	TITLE Water Services Technician					
SIGNATURE N/A			<b>DATE</b> 2/4/2013					

Recompletion Date: 9/24/96 GL: 6259.7' KB: 6268' Put on Production: 10/15/96

# Ashley Federal 10-24R-9-15

Casing Shoe @ 210'

TOC @ 3525'

#### Formerly Castle Peak Unit #1

Injection Wellbore Diagram

Initial Production: 44 BOPD, 33 MCFPD, 5 BWPD

#### SURFACE CASING

CSG SIZE: 13-3/8" GRADE: ? WEIGHT:48# LENGTH: ? jts. DEPTH LANDED: 210' HOLE SIZE:17-1/4" CEMENT DATA: 300 sx

#### FRAC JOB 10/4/96 4820'-4831'

Frac B-2 sand as follows: 34,000# of 20/40 sand in 210 bbis of Boragel. @ 18 bpm. Well screened out w/6# on formation. Est. 26,800# in formation & 7200# left ion tbg. Flowed well back until died.

10/8/96 4723'-4731'

Frac C sand as follows: Screened out on 5# sd w/10,600# of 20/40 sd in formation. Used 164 bbls of Boragel. Breakdown @ 3322 psi. Treated @ avg rate of 18 bpm w/avg press of 5150 psi. ISIP-2530 psi, 5-min 1919 psi. Flowback on 12/64" ck. for 1 hr and

10/11/96 4567'-4632'

1/3/03

Frac D-1 and D-2 sands as follows: 77,700# of20/40 sand in 402 bbls of Boragel. Breakdown @ 3010 psi. Treated @ avg rate of 19.4 bpm w/avg press of 5100 psi. ISIP-1777 psi, 5-min 1729 psi. Flowback on 12/64" ck for 10 min and

Tubing Leak. Update tubing and rod

12/19/12 Convert to Injection Well - Straddle

4 JSPF

4 JSPF

4 JSPF

44 holes

20 holes

52 holes

8 holes

PERFORATION RECORD

4820'-4831'

4723'-4731'

4567'-4572'

4614'-4616'

4620'-4632'

10/9/96 - 4576'-4589'

10/5/96

10/9/96

10/9/96

12/20/12 Conversion MIT Finalized - update thg

#### PRODUCTION CASING

CSG SIZE: 7' GRADE:J-55

WEIGHT: 23# LENGTH: ?

DEPTH LANDED: 5020

HOLE SIZE: ?

CEMENT DATA: 500 sx cement with 1% flac added

CEMENT TOP AT: 3525' per CBL

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6,5# 15k TENSION (1.2) @ 10.0" TBG (31.2) @ 11.2' TBG PUP 2-7/8 J-55 AT: 42.4' NO. OF JOINTS: 124 jts (3851.4') ON/OFF TOOL AT: 3916.8' ARROW #1 PACKER CE AT: 3922' TBG 2 jts (59.9) @ 3925.93 XO 2-3/8 x 2-7/8 J-55 AT: 3985.8° SEATING NIPPLE: 2-3/8" (1.10') SN LANDED AT: 3986,3' KB XO 2-3/8 J-55 AT: 3987 43 XO 2-7/8 J-55 AT: 3987.93 TBG PUP 2-3/8 J-55 AT: 3988.4°

SEAL BORE PACKER AT: 3988.4' TOTAL STRING LENGTH: EOT @ 3995.53

## On Off Tool @ 3917'

Packer @ 3922'

S/N Nipple @ 3986' Seal Bore Packer @ 3990 EOT @ 3996'

4567' - 4572'

4576' - 4589 4614' - 4616'

4620' - 4632'

4723'- 4731'

4820'- 4831'

CIBP @ 4940'

SHOE @ 5020'

6-1/4" Hole

TD @ 8816'

NEWFIELD

Ashley Federal 10-24R-9-15 1840 FSL 2000 FEL NWSE Section 24-T9S-R15E Duchesne Co. Utah API #43-013-15781; Lease #U-02458

LCN 01/04/13



Governor

GREGORY S. BELL Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-390

Operator:

Newfield Production Company

Well:

Ashley Federal 10-24R

Location:

Section 24, Township 9 South, Range 15 East

County:

Duchesne

API No.:

43-013-15781

Well Type:

Enhanced Recovery (waterflood)

# Stipulations of Permit Approval

- 1. Approval for conversion to Injection Well issued on October 1, 2012.
- 2. Maximum Allowable Injection Pressure: 1,747 psig
- Maximum Allowable Injection Rate: (restricted by pressure limitation) 3.
- 4. Injection Interval: Green River Formation (3,877' - 4,940')
- Any subsequent wells drilled within a ½ mile radius of this well shall have 5. production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

ociate Director

1/31/13

JR/MLR/is

cc: Bruce Suchomel, Environmental Protection Agency Bureau of Land Management, Vernal Eric Sundberg, Newfield Production Company, Denver Newfield Production Company, Myton Duchesne County

Well File

N:\O&G Reviewed Docs\ChronFile\UIC



SIGNATURE

4/16/2012

# The Salt Lake Tribune





PROOF OF PUBLICATION

**CUSTOMER'S COPY** 

	CUSTOMER NAM	ME AND ADDR	ESSUE AND	ACC	COUNT NUMBER	DATE
	DIV OF OIL-GAS & MIN	VING, #1210	VOLOITIEVS	8 HAINIE	9001402352	4/16/2012
	P.O. BOX 145801	UT 84114	N OF OIL GAIS.		BEFORE THE DIVISION OF O DEPARTMENT OF NATU STATE OF L NOTICE OF AGEN CAUSE NO. UI	PAI RESOLUCES
43 013 15	781	ACCOUN		en green ser	IN THE MATTER OF THE APPLICATE	ON OF NEWFIELD PRODUC-
shley Fed 95 15E	10-24R DI	V OF OIL-GA	S & MINING,		WELLS LOCATED IN SECTIONS 23 SHIP 9 SOUTH, RANGE 15 EAST 22, 24, AND 27 TOWNSHIP DUCKESNE COUNTY, UTAM, AS CLAS THE STATE OF UTAM TO ALL PE ABOVE SHITTLED MATTER.	AND SECTIONS 6, 13, 19, 500 H, MARCH 10 EAST, 55 H RUECTION WELLS.
	TELEPHONE		ADORDER	# / INVO	Notice is hereby given that the Di ing (the "Division") is commencing	vision of Oil, Gas and Min- g an informal adjudicative
	8015385340		0000783810	) /	Notice is hereby given that the bing (the "Division") is commencing proceeding to consider the application company, 1001-17th Street, rade 80207, foliphone 3013-87 approval of the foliawing wells: I than, for conversion to class II integrated woman Butto Unit.	cation of New-field Produc- Sults 2000, Onnier Colo- 3-0102, for administrative ocated in Duchame County, ction wells:
		SCHEI	DULE		Ashley Federal 12-23-9-15 we Section 23, Township 9 South, Rung	II located in NW/4 SW/4, ge 15 East
	Start 04/14/20	)12	End 04/14	/2012	Ashley Federal 12-23-9-15 we Sattler Rose 13-32-89-15 we Sattler 23, Township 9 South, Runy API 43-013-32-830 Ashley Federal 10-248-9-15 we Saction 24, Township 9 South, Rose API 43-013-15781 Ashley Federal 14-24-9-15 well	ell localed in NW/4 SE/4, ge 15 East
		CUST, RI	EF. NO.		Ashley Federal 14-24-9-15 well in 24, Township 9 South, Ronge 1 API 43-013-32821 Ashley Federal 16-24-9-15 well	located in SE/4 SE/4, Sec-
	UIC-	390			API 43-013-3284 Ashley Federal 16-24-9-15 well lion 24, Township 9 South, Ronge API 43-013-32944 Ashley Federal 4-25-9-15 well lo- lion 25, Township 9 South, Ronge API 43-013-32884	cated in NW/4 NW/4, Sec- 15 East
		CAPT	ION		flon 26, Township 9 South, Ronge	cated to 14W/4 NVV/4, Sec- 15 East
BEFORE T	THE DIVISION OF OIL,	GAS AND MI	NING DEPARTM	ENT OF NA	Monument Federal 33-6-9-16Y w Section 6, Township 9 South, Range API 43-013-31589 Federal 11-13-9-16 well locate 13 Township 9 South Range 16 F	ell located in NW/4 SE/4, e 1 6 East ed in NE/4 SW/4, Section
		SIZ	E		API 43-013-32652 Federal 13-19-9-16 well located Township 9 South, Ronne 16 Fost	in SW/4 SE/4, Section 19,
	86	Lines	2.00	COLUMN	API 43-013-33162 Fedoral 13-22-9-16 well locate 22, Townsity 9 South, Range 16 5: API 43-013-33148 Fuderal 7-24-9-16 well located Townsity 9 South, Range 16 East API 43-013-33085	d in SW/4 SW/4, Section out
	TIMES			RATE	Township 9 South, Range 16 East API 43-013-33085	In SW/4 NE/4, Section 24,
	4				Federal 11-24-9-16 well located Township 9 South, Range 16 East API 43-013-33340 Federal 3-27-9-16 well located	in NE/A NW/A Section 27
	MISC, CHARGES			AD CHARGE	Federal 3-27-9-16 well located township 9 South, Range 16 East API 43-013-33352 The proceeding will be conducted.	d in corrections with theh
				ind Capacida	Admin. R649-10, Administrative Pr	ocedures. Formation will be used for equested injection pressures ed on fracture gradient in-
				TOTAL COS	Selected zones in the Green River water Injection. The maximum re and rates will be determined bas formation submitted by Nawfield 9 Any person destring to object to it difference in the proceeding, must these of intervention with the Dividence of the proceeding is 3 and it goes not be proceeding in the proceeding in	he application or otherwise file a written protest or no- car within fifteen days fol- he Division's Presiding Offi-
				293.96	ance with the aforementioned	administrative procedural
			IDAVIT OF PUBLICA		rules. Profesions and/or interver demonstrate at the liearing how threats. Dated his 10th day of April, 201. STATE OF UTAH	this matter affects their in-
BEFORE THE DIVI	BENCY COMPANY, LLC dba M ISION OF OIL, GAS AND MIN	VING DEPARTM	ENT OF NATURAL	RESOURCES	Brod Hill	
CAUSE NO. UIC-390 COMPANY, LLC dba ENGLISH LANGUAC	O IN THE MATTER OF THE MEDIAONE OF UTAH, AGEN DE WITH GENERAL CIRCULA OSTED ON UTAHLEGALS COM	APPLICA FOR IT FOR THE SAL TION IN UTAH, A	DIV OF OIL-GAS & T LAKE TRIBUNE AI AND PUBLISHED IN	MINING, WAS ND DESERET N SALT LAKE CI	Permitting Manager 783810	UPAXLP
	Start 04/14/2012		End 04/14/	2012	VID	GINIA CRAFT
PUBLISHED ON	1/1				Commi My Com	silon Ckar ssion # 531469 mission Expires uary 17 2014
SIGNIATIDE	1 Hallen				J8111	14 17 X 14

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION" PLEASE PAY FROM BILLING STATEMENT

2250 REB CGUIC ADMINIGE 12 6131

Send Payments to: Uintah Basin Standard 268 S 200 E Roosevelt, Utah 84066

Phone: 435-722-5131 Fax: 435-722-4140



EXPress www.vernal.com Invoice Number

Invoice Date

29586

4/17/2012

Advertiser No.

Invoice Amount

Due Date

2080

\$161.05

5/17/2012

DIVISION OF OIL GAS & MINING Rose Nolton 1594 W. N.TEMPLE STE 121 PO BOX 145801 SALT LAKE CITY, UT 84114-5801



1 1/2% fee will be charged to all past due balances.

**Amount Enclosed** 

Please detach top portion and return with your payment.

#### INVOICE

Uintah Basin St	andard	DIVISION OF OIL GAS & MINING	Barrier Carlos	Invoice N	o. 29586	4/17/2012
Date Oi	rder	Description	Ad Size Si	ubTotal	Sales Tax	Amount
4/17/2012 1	4839 UBS	UBS Legal Notice: Notice of Agency Action: Newfield UIC 390 Pub. April 17, 2012	<del>and and a second secon</del>	enga and history of Power National		\$161.05
					Sub Total:	\$161.05
			Total Transactions:	1	Total:	\$161.05

SUMMARY

Advertiser No.

2080

Invoice No.

29586

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

2250 REBIGGOURAOMINIGETA 6131

# AFFIDAVIT OF PUBLICATION

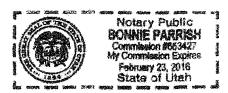
County of Duchesne, STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for consecutive issues, and that the first publication was on the 17 day of 1961, and that the last publication of such notice was in the issue of such newspaper dated the \_\_/7 day of \_\_\_ADril 20 /2, and that said notice was published on Utahlegals. com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

Subscribed and sworn to before me on this

by Kevin Ashby.

Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. **UIC-390**

BEFORE THE DI-VISION OF OIL, GAS AND MINING, DE-PARTMENT OF NAT-URAL RESOURCES, STATE OF UTAH.

IN THE MATTER OF THE APPLICA-TION OF NEW-FIELD PRODUC-TION COMPANY FOR ADMINISTRA-TIVE APPROVAL OF CERTAIN WELLS LOCATED IN SEC-TIONS 23, 24, 25, AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SEC-TIONS 6, 13, 19, 22, 24, AND 27, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJEC-TION WELLS.

THE STATE OF UTAH TO ALL PER-SONS INTERESTED IN THE ABOVE EN-

\* BOOK ; Appliance **Antitude** 

# - SVOLICE

Haits SSauli-Family P EXec Deni Chiropi Barber

PAVO

IANIMON



19. Township 9 South, Range 16 East

API 43-013-33162 Federal 13-22-9-16 well located in SW/4 SW/4, Section 22. Township 9 South, Range 16 East

API 43-013-33148 Federal 7-24-9-16 well located in SW/4 NE/4, Section 24, Township 9 South, Range 16 East

API 43-013-33085 Federal 11-24-9-16 well located in NE/4 SW/4, Section 24, Township 9 South, Range 16 East

API 43-013-33340 Federal 3-27-9-16 well located in NE/4 NW/4, Section 27. Township 9 South, Range 16 East

API 43-013-33352 The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desir-ing to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT84114-5801, phone



	STATE OF UTAH		FORM 9			
ı	DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN	-	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02458			
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	oposals to drill new wells, significantly or reenter plugged wells, or to drill horizon n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: ASHLEY FED 10-24R					
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013157810000					
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1684 FSL 1945 FEL			COUNTY: DUCHESNE			
QTR/QTR, SECTION, TOWNSH	<b>HIP, RANGE, MERIDIAN:</b> 24 Township: 09.0S Range: 15.0E Merid	ian: S	STATE: UTAH			
11. CHEC	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
	✓ ACIDIZE	ALTER CASING	CASING REPAIR			
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME			
Approximate date work will start:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE			
✓ SUBSEQUENT REPORT Date of Work Completion: 8/26/2015	DEEPEN	FRACTURE TREAT	New construction			
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK			
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION			
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON			
			WATER DISPOSAL			
DRILLING REPORT	TUBING REPAIR	VENT OR FLARE				
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION			
	WILDCAT WELL DETERMINATION	OTHER	OTHER:			
An acid clean out	COMPLETED OPERATIONS. Clearly show a was performed on the above aily Activity Summary Repor	mentioned well. See	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY September 30, 2015			
		50 TTT 5				
NAME (PLEASE PRINT) Mandie Crozier	<b>PHONE NUMB</b> I 435 646-4825	ER TITLE Regulatory Tech				
SIGNATURE N/A		<b>DATE</b> 9/30/2015				

NEV	VFIELD
We .	We .

	a LLD					Da A	ily Activit Ashley 10	ty Summary -24R-9-15						
Well Details														
API/UWI		Well RC		Surface Legal Lo	ocation			County	State/F	rovince	Division		Field Office	
43013157810	0000	500150781		24-9S-15E				Duchesne	Utah		Rocky Mountain	S	Myton	
Total Depth (All) (f	ftKB)	Total Depth All (TVI	O) (ftKB)	PBTD (All) (ftKB	)	Spud Date		Final Rig Release Date	Initial (	Completion - Start Date	Initial Completion - Er	nd Date	On Production Date	
Original Hole	- 8,816.0			Original Hole	e - 4,983.0	9/8/	/1962				11/20/19	<del>)</del> 62		
Job Category				Primary Job Typ	Э			Secondary Job Type	•		Job Status		•	
Production / \	Vorkover			Clean-out				N/A			Completed			
AFE Number		Total AF	E Amount (Co	st)	Total Field	d Estimate (Cost)		Total Final Invoice (Cost)		Job Start Date	•	Job End D		
45613							14,640.00		91,293	.57 8/2	26/2015		8/26/2015	
Contractor		•			•	Rig Numb	er		Rig Type	•				
Daily Operat	ion: 8/26/201	15												
Report Number	Repo	rt Start Date		R	eport End Date			Time Log Total Hours (hr)	Daily Field Est	Total (Cost)	Cum Fi	eld Est To D	ate (Cost)	
	1	8/26/20	015 00:00		8	/26/2015 00:00	)				14,640			14,640
24hr Activity Sumi				•					•		•			
Acid Clean O	ut													
Time Log														
Start Time	Duration (hr)	End Time	Activity Descr	iption	Comment									
		_												